



2019-2020 | CATALOG



Compton College

Serving: Carson, Compton, Lynwood, North Long Beach,
Paramount, and Watts-Willowbrook

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2019-2020 Academic Calendar

Fall Semester 2019

Fall Semester Classes Begin	Saturday	August 24, 2019
Weekday Classes Begin	Monday	August 26, 2019
Last Day to Drop and be Eligible for a Refund (1st 8 Week Session)	Friday	August 30, 2019
Labor Day Holiday (Campus Closed)	Monday	September 2, 2019
First Day to Apply for Graduation and Certificates (Fall)	Tuesday	September 3, 2019
Last Day to Add (Full Semester Courses)	Friday	September 6, 2019
Last Day to Drop and be Eligible for a Refund (Full Semester Courses)	Friday	September 6, 2019
Last Day to Challenge Residency Status for Current Semester	Friday	September 6, 2019
Last Day to Drop Without Notation on Permanent Record	Friday	September 6, 2019
Last Day to Apply for Degrees and Certificates (Fall)	Thursday	October 17, 2019
Mid-Term Classes Begin	Saturday	October 19, 2019
Veterans Day Holiday (Campus Closed)	Monday	November 11, 2019
Last Day to Drop with a "W" (Full Semester Courses)	Friday	November 15, 2019
Thanksgiving Day Holiday/Weekend (Campus Closed)	Thurs - Sun	November 28 - December 1, 2019
Fall Semester Ends	Friday	December 13, 2019
Christmas Holiday (Campus Closed)	Tuesday - Wednesday	December 24-25, 2019
Winter Recess (Campus Closed)	Tues - Wed	December 24 - January 1, 2019
Local Holiday (Campus Closed)	Tuesday	December 31, 2019
New Year's Holidays (Campus Closed)	Wednesday	January 1, 2020

Winter Session 2020

First Day to Apply for Graduation and Certificates (Spring)	Thursday	January 2, 2020
Classes Begin	Monday	January 6, 2020
Last Day to Add	Thursday	January 9, 2020
Last Day to Drop Without Notation on Permanent Record	Thursday	January 9, 2020
Last Day to Drop and be Eligible for a Refund	Thursday	January 9, 2020
Martin Luther King Holiday Observed (Campus Closed)	Monday	January 20, 2020
Last Day to Drop with a "W" (Full Semester Courses)	Wednesday	January 29, 2020
Winter Session Ends	Thursday	February 6, 2020

Spring Semester 2020

Lincoln's Day and Washington's Holiday Observed (Campus Closed) including Saturday, February 15	Friday-Monday	February 14 - 17, 2020
Spring Semester Begin	Tuesday	February 18, 2020
Weekday Classes Begin	Tuesday	February 18, 2020
Last Day to Drop and be Eligible for a Refund (1st 8 Week Session)	Friday	February 21, 2020
First Saturday Class Meeting	Saturday	February 22, 2020
Last Day to Add (Full Semester Courses)	Friday	February 28, 2020
Last Day to Drop and be Eligible for a Refund (Full Semester Courses)	Friday	February 28, 2020
Last Day to Challenge Residency Status for Current Semester	Friday	February 28, 2020
Last Day to Drop Without Notation on Permanent Record	Friday	February 28, 2020
Last Day to Apply for Degrees and Certificates (Spring)	Friday	February 28, 2020
Spring Recess	Saturday - Friday	April 11 - 17, 2020
Local Holiday – Campus Closed	Friday	April 17, 2020
Mid-Term Classes Begin	Saturday	April 18, 2020
Last Day to Drop with a "W" (Full Semester Courses)	Friday	May 15, 2020
Memorial Day Holiday (Campus Closed)	Monday	May 25, 2020
Commencement	Friday	June 12, 2020
Spring Semester Ends	Friday	June 12, 2020

Summer Term 2020

First Six-Week Session

First Six-Week Session Begins	Monday	June 22, 2020
First Day to Apply for Graduation and Certificates (Summer)	Monday	June 22, 2020
Last Day to Drop and be Eligible for a Refund	Thursday	June 25, 2020
Last Day to Add	Thursday	June 25, 2020
Last Day to Drop Without Notation on Permanent Record	Thursday	June 25, 2020
Independence Day Holiday Observed (Campus Closed)	Thursday	July 2, 2020
Last Day to Drop with a "W" (Full Semester Courses)	Tuesday	July 21, 2020
First Six-Week Session Ends	Thursday	July 30, 2020

Eight-Week Session

Eight-Week Session Begins	Monday	June 22, 2020
Last Day to Drop and be Eligible for a Refund	Monday	June 29, 2020
Last Day to Add	Monday	June 29, 2020
Last Day to Drop Without Notation on Permanent Record	Monday	June 29, 2020
Independence Day Holiday Observed (Campus Closed)	Thursday	July 2, 2020
Last Day to Drop with a "W" (Full Semester Courses)	Thursday	July 30, 2020
Eight-Week Session Ends	Thursday	August 13, 2020

Second Six-Week Session

Second Six-Week Session Begins	Monday	July 6, 2020
Last Day to Drop and be Eligible for a Refund	Thursday	July 9, 2020
Last Day to Add	Thursday	July 9, 2020
Last Day to Drop Without Notation on Permanent Record	Thursday	July 9, 2020
Last Day to Apply for Graduation and Certificates (Summer)	Thursday	July 23, 2020
Last Day to Drop with a "W" (Full Semester Courses)	Tuesday	August 4, 2020
Second Six-Week Session Ends	Thursday	August 13, 2020

Dates are subject to change.

Please check online for the most up-to-date academic calendar: www.compton.edu/academics/calendar

Compton College

Accreditation

Compton College is accredited by the Accrediting Commission for Community and Junior Colleges (ACCJC) of the Western Association of Schools and Colleges (WASC), an institutional accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the U.S. Department of Education. Accreditation reports are available on the Compton College website.

Certification

The Compton Community College District hereby certifies that this Catalog is true and correct in content as required by DVB Circular 20-76- 84, Appendix P, Paragraph 6(a), Department of Education, State of California.

Disclaimer

Compton College has made every reasonable effort to determine that this Catalog is accurate. Courses and programs offered, together with other matters contained herein, are subject to change without notice by the administration for reasons related to student enrollment and level of financial support, or at the discretion of the district and the college. The district and the college further reserve the right to add, amend or repeal any rules, regulations, policies and procedures consistent with applicable laws. The college reserves the right to change any provision in this Catalog at any time, with or without notice.



History

The Compton Community College District (CCCD) was established in 1927 as a component of the Compton Union High School District. In 1950, voters approved a bond issue separating the college from the high school district. Construction of the new college campus was completed on the present site. Classes began on the new campus in fall 1956.

On June 7, 2017, the Accrediting Commission for Community and Junior Colleges (ACCJC) granted [initial accreditation status to Compton College](#). The action established Compton College as an accredited college within the El Camino Community College District.

Compton College was officially named the 114th California Community College through unanimous vote by the Board of Governors in July 2017. On August 29, 2018, California Community Colleges Chancellor Eloy Oakley issued Executive Order 2018-01 declaring Compton College will operate as an independent college under the authority of the Compton Community College District (CCCD) Board of Trustees effective June 7, 2019 at 11:59 p.m.

BP 1200 Mission, Vision, and Strategic Initiatives

Vision

Compton College will be the leading institution of student learning and success in higher education.

Mission Statement

Compton College is a welcoming and inclusive community where diverse students are supported to pursue and attain student success. Compton College provides solutions to challenges, utilizes the latest techniques for preparing the workforce and provides clear pathways for completion of programs of study, transition to a university, and securing living-wage employment.

Institutional Effectiveness Outcomes

Institutional Effectiveness involves the College's efforts toward continuous improvement in institutional quality, student success, and fulfillment of the mission. The College's integrated assessment, evaluation, and planning processes are put into practice with the ultimate outcome of greater Institutional Effectiveness—more students from our diverse communities attaining educational success and achieving their academic and career goals.

The Tartar Completion by Design provides a framework for the student experience, which is organized around the College's outcomes and strategies: student connection (how a student learns about the college through when they apply), entry (enrollment through gatekeeper courses), progress (through 75% of program of study), completion (the last 25% of coursework to earning a degree or certificate), and transition (into employment or transfer to a four-year institution).

The following outcomes will be used to measure progress on student achievement and improvements in institutional effectiveness at Compton College:

Connection

Successful Enrollment

Number of Dual Enrollment Students

Entry

Student Readiness Rate

Completion of transfer-level English in first year

Completion of transfer-level math in first year

All student fall to spring persistence rate

Three-Term Persistence Rate
(first-time, full-time students)

Progress

Successful Course Completion Rate

Average Units Completed per Academic Year

Completion

Number of Associate Degrees awarded

Average units acquired per Associate Degree

Number of Associate Degrees for Transfer awarded

Average units acquired per Associate Degree for Transfer

Number of Certificates awarded

Number of students completing 9+ CTE units

Number of CTE students employed in their field of study

Transition

Number of Transfers

The College originally developed improvement goals through a consultation process from the 2015-2016 through the 2019-2020 academic year, and comparing annual progress with a baseline year. In spring 2019, the College updated its improvement outcomes and aligned them with the California Community College State Chancellor's Office *Vision for Success*. Institutional effectiveness outcomes will be monitored annually for progress on each goal outcome. In addition, an overriding priority is to reduce existing differences in achievement by demographic characteristics across all measures.

Strategic Initiatives

In order to fulfill the mission and make progress toward the vision from 2017 to 2024, Compton College will focus its efforts on the following Strategic Initiatives. Strategic Initiatives represent the areas of focused improvement. Objectives are college-wide plans to make progress on each initiative.

Improve recruitment, enrollment, retention, and completion rates for our students.

Objective 1. Tailor degree and certificate programs to meet the needs of our students.

Objective 2. Educate students about pathways to graduation.

Objective 3. Enhance student preparation for academic success and completion.

Objective 4. Provide a student-centered environment that leads to student success.

Support the success of all students to meet their education, and career goals.

Objective 1. Attract and retain traditional students, and focus on retaining non-traditional students.

Objective 2. Minimize the equity gap for access, retention, and graduation rates.

Objective 3. Identify and provide clear pathways for traditional and non-traditional students to meet their goals.

Support the success of students through the use of technology.

Objective 1. Implement an early alert program to identify and notify students of support services and programs in a timely manner.

Objective 2. Provide robust distance education course and service offerings.

Objective 3. Enhance technology for teaching and learning through professional development.

Offer excellent programs that lead to degrees and certificates in Allied Health and Technical fields.

Objective 1. Increase the number of degrees and certificates awarded in the Allied Health and Technical fields.

Objective 2. Implement a plan to target outreach of working professionals in Healthcare and Advanced Manufacturing.

Objective 3. Create collaborative partnerships with industry leaders in the Allied Health and Technical fields.

Establish partnerships in the community and with the K-12 schools.

Objective 1. Establish faculty to faculty partnerships with K-12 feeder schools to better align curriculum between the two segments, and to improve student preparation.

Objective 2. Continue to develop more Career and Technical Education programs that meet the needs of the community.

Objective 3. Strengthen the broader needs of the community served by Compton Community College District..



District Information and Administration

Compton Community College District

The Compton Community College District serves the communities of Compton, Lynwood, Paramount and Willowbrook, as well as portions of Athens, Bellflower, Carson, Downey, Dominguez, Lakewood, Long Beach, and South Gate. The District is governed by a voter-elected Board of Trustees and a Student Trustee elected by the student body. The president of Compton^o College is the chief executive officer of the District.

Compton Community College District Board of Trustees

Dr. Deborah Sims LeBlanc (Trustee Area 4)
President

Andres Ramos (Trustee Area 1)
Vice-President

Sonia Lopez (Trustee Area 3)
Clerk

Barbara Jean Calhoun (Trustee Area 2)
Member

Dr. Sharoni Denise Little (Trustee Area 5)
Member

Compton College Administration

Keith Curry, Ed.D.
President/CEO, Compton College
Compton Community College District

Stephanie Atkinson-Alston, Ed.D.
Vice President, Academic Affairs

Steven Haigler, CPA
Vice President, Administrative Services

Elizabeth Martinez, M.A.
Vice President, Student Services

Barbara Perez, M.S.
Vice President, Compton College

Rachelle Sasser, M.A.
Vice President, Human Resources

Deans

Rodney Murray, Ph.D.
Dean, Student Learning

Abiodun Osanyinpeju, Ph.D.
Dean, Student Learning

Rebekah Blonshine, Ed.D.
Dean, Student Success

César Jiménez, Ed.D.
Dean, Counseling & Guided Pathways

Directors and Managers

Christine Aldrich
Director, EOPS/CARE

Nelly Alvarado
Director, Enrollment Services

Janet Baghoomian
Associate Dean, Nursing

Richette Bell
Director, Admissions and Records

Keith Cobb
Director, Financial Aid

Melita Ferguson
Interim Director, Child Development Center

Reuben James III
Director, Purchasing and Auxiliary Services

David Leung
Director, Accounting

Linda Owens
Chief Facilities Officer

Andree Pacheco
Director, Student Development & Athletics

Heather Parnock
Director, Community Relations

Octavio Salas
Assistant Director, Facilities Planning and Operations

Baily Smith
Director, Student Equity

Lauren Sosenko
Director, Research & Planning

Lynell Wiggins
Director, Adult Education and
Workforce Development

Andrei Yermakov
Chief Technology Officer

Vacant
Associate Registrar

Vacant
Director, CalWORKS, TANF, Special Resource Center

Faculty

Guided Pathway Division Chairs

Abdirashid Yahye

Business and Industrial Studies

Dr. Valerie Woodward

Fine Arts, Communication and Humanities

Dr. Shirley Thomas

Health and Public Services

Dr. Donald Roach

*Science, Technology, Engineering, and
Math (STEM)*

Dr. Paul Flor

Social Sciences

Compton College Academic Senate Officers Executive Board

Amber Gillis

President

Jesse Mills

Vice-President

Nikki Williams

Secretary

A

Aasi, Fazal (2007)

Professor, Anatomy
B.S., M.D. Panjab University

Abbassi, Ali (1997)

Professor, Mathematics
B.S. Detroit Institute of Technology
M.S. West Coast University

Abdulmalek, Sulaiman (2009)

Lecturer, Biological Sciences
B.S. University of Istanbul, Turkey
M.S. University of Bridgeport
Ph.D., New Mexico State University

Adams, Emma E. (2016)

Instructor, Biological Sciences
M.S. Clemson University
M.S. Cairo University, Egypt
D.V.M. Alexandria University, Egypt

Ahmad, Manzoor (1987)

Professor, Business
B.S. Government College
LL.B. University Law College
M.B.A. Northwest Missouri State
University

Alpern, Ronny (1992)

Professor, Mathematics
B.A., M.A. California State University,
Fullerton

Altermatt, Robert (2010)

Lecturer, Chemistry
B.A., M.A. California State University,
Dominguez Hills

Armstrong, Sunny (2008)

Lecturer, English
B.A. Anna Maria College
M.A. California Polytechnic University,
San Luis Obispo

Atkinson-Alston, Stephanie (2017)

Vice President, Academic Affairs
B.S. Southern Illinois University at
Carbondale
M.A. California State University, Fresno
Ed.D. Fielding Graduate University

B

Barber, Lessie (2007)

Lecturer, Nursing
B.S.N. University of Mississippi
M.P.T. California State University,
Dominguez Hills

Barragan-Echevarria, Theresa (2016)

Instructor, Counseling
B.S. California State University,
Los Angeles
M.S. University of La Verne

Bergman, Stephan (2009)

Lecturer, English
A.A. Los Angeles Harbor College
B.A., M.A. California State University,
Dominguez Hills

Bernaudo, Jose (2004)

Professor, English
B.A. University of California, Irvine

M.A. Claremont University

Bibb, Nicole (2010)

Lecturer, Mathematics
B.S. Loyola Marymount University
M.S. California State University, East Bay

Black, Dustin (2010)

Lecturer, History
B.A., M.A. University of California,
Los Angeles

Blake, Eckko A. (2016)

Instructor, Counseling
B.S., M.A. California State University,
Dominguez Hills

Bosfield, Sandra (2008)

Professor, Nursing
A.D.N. Compton Community College
B.S.N. University of Phoenix
M.S.N. California State University,
Dominguez Hills
Ed.D. Argosy University

Brabbee, Andrew (2009)

Lecturer, Spanish
B.A. Middleburg College
M.A. University of California, Los Angeles

C

Capozzolo, Domenic (2017)

Instructor, English & Reading
B.A. University of Southern California
M.A. Teacher College, Columbia
University

Carrillo, Rosa (2008)

Lecturer, Counseling
B.A. California State University,
Long Beach
M.A. San Diego State University

Carter, Sekou (2010)

Lecturer, Mathematics
B.S., M.S. California State University,
Long Beach

Chung, Lynn (2018)

Instructor, Library & Information Science
B.A. University of California, Irvine
M.L.I.S. San Jose State University

Clark, Leonard (2001)

Professor, Geology
B.S., M.S. California State University,
Los Angeles

Collins, Diane (1991)

Professor, Contemporary Health
B.S. California State University,
Los Angeles
M.S. University of California, Los Angeles

Conn, Bradfield (2006)

Lecturer, Psychology
B.A. San Diego State University
M.S. Pepperdine University
Ph.D. Alliant International University

Cook, Shaun (2018)

Instructor, Chemistry
B.A., M.S., California State University,
Fullerton

Cooper, Erin (2010)

Lecturer, Psychology, Speech
B.A. St. Louis University
M.A. California State University,
Dominguez Hills

Cortez-Perez, Aurora (1996)

Professor, English as a Second Language
A.A. Compton Community College
B.A., M.A. California State University,
Dominguez Hills

Coti, Karla (2011)

Assistant Professor, Chemistry
B.S., M.S., Ph.D. University of California,
Los Angeles

Crozier, Judith (2014)

Assistant Professor, English
B.A. University of Wyoming at Laramie
M.P.W. University of Southern California

Curry, Keith (2007)

President/CEO Compton College
B.A. University of California, Santa Cruz
Ed.D. University of California, Irvine

D**DeHardt, Thomas (2013)**

Assistant Professor, Psychology
B.A. M.A. Ph.D. University of California,
Los Angeles

E**Ekimyan, Roza (2014)**

Assistant Professor, Human Development
B.S., M.S., Ed.D. University of Southern
California

**Elfarissi, Hassan (2016)
Instructor, Biological Sciences**

B.S. University of California, Los Angeles
M.S. California State University,
Dominguez Hills

Ellis, Stephen D. (1980)

Instructor, Cosmetology
B.S. US International University

Estrada, Harvey (2000)

Professor, Music
B.M. California State University, Fullerton
M.M. California State University, Los
Angeles

Evans, Jerome (2000)

Professor, History
A.A. Los Angeles City College
B.A. California State University, Los
Angeles
M.A., M.S. Pepperdine University

F**Flor, Paul M. (1997)**

Professor, Political Science
B.A., M.A. University of California, Los
Angeles
M.A. California State University, Los
Angeles

French-Preston, Essie (1986)

Professor, Counseling
B.A. Alabama State University
M.A. University of South Alabama
Ed.S., Ed.D. University of Alabama

G**Garcia, Jose (2009)**

Lecturer, Men's Soccer Head Coach
A.A. Rio Hondo College
B.A. San Diego State University

George, Sarah (2018)

Instructor, English
B.A. San Diego State University
M.A. California State University,
Sacramento

Gill, Jack (1999)

Lecturer, Mathematics
B.A. University of Florida
M.A. University of Miami

Gillis, Amber (2012)

Assistant Professor English
B.A., M.A. California State University,
Fullerton

Gonzalez, Citlali (2018)

Instructor, Counseling
B.S. Santa Clara University
M.A. P.P.S. university of San Francisco

H**Halligan, Christopher (2006)**

Professor, English
B.A., M.A. University of Nebraska

Hayes-Cushenberry, Frances (2008)

Professor, Nursing
B.S.N., M.S.N. California State University,
Long Beach
Ed.D. Argosy University

Haynes, Vanessa (1998)

Professor, Counseling
A.A. Monterey Peninsula College
B.A., M.A. California State University,
San Jose

Hector, Jeremy (2007)

Lecturer, English
A.A., Los Angeles Harbor College
B.A., M.F.A. California State University,
Long Beach

Heming, Deborah (2007)

Professor, Nursing
A.D.N. Compton Community College
B.S.N., M.S.N. University of Phoenix
Ed.D. Argosy University

Higgins, Keith (2009)

*Lecturer, Physical Education, Human
Development*
A.A. Bellevue Community College
B.A., California State University,
Northridge
M.A. Pacific Oaks University

Hill, Jennifer Knox (2014)

Assistant Professor, English
A.A. Cerritos College
B.A. University of California, Irvine
M.F.A. California State University,
Long Beach

Hobbs, Charles (2011)

*Associate Professor,
Library Information Science*
B.A. University of California,
Santa Barbara
M.L.S. University of California,
Los Angeles

J**Jackson, Broderick (2005)**

*Lecturer Health, Physical Education,
Athletics*
A.A. El Camino College
B.A. California State University,
Dominguez Hills
M.ED. Azusa Pacific University

Jacobs, Bruce (2009)

Lecturer, English
B.S., M.A. Ohio State University

Johnson Shirlisa (2009)

Lecturer, Nursing
B.S.N. California State University,
Long Beach
M.S.N. California State University,
Dominguez Hills

Johnson, Susan (2018)

Instructor, English
A.A. Santa Ana College
B. A., M.A. California State University,
Fullerton

Juarez, Dalia (2011)

*Associate Professor, English Composi-
tion/Developmental Reading*
B.A., M.A. California State University,
Dominguez Hills

K**Keskinel, Meric (2010)**

Lecturer, Economics
B.A. University of Istanbul
M.A. Northeastern University
Ph.D., Claremont Graduate University

Khan, Mahbub (2008)

Lecturer, Physics, Mathematics
A.A. HSC, Dhaka College, Bangladesh
B.S., M.S. University of Dhaka
Ph.D. Boston College

Khodaghlian, Sevana (2014)

Assistant Professor, Chemistry
B.S. University of Southern California
M.S., Ph.D. University of California,
Riverside

Khwaja, Ziauddin (2006)

Lecturer, Mathematics
B.S. University of DACCA
M.S., Ph.D. Uppsala University

Kooiman, Brent (2011)

*Associate Professor, Auto Collision
Repair & Painting*
A.A. Cerritos College

L**Lawrence, Richard (2011)**

Lecturer, Communication Studies
B.A. California State University,
Dominguez Hills
M.A. University of Southern California

Lawson, Anita (2010)

Lecturer, Film/Video
B.A., B.S. Florida A&M University
M.F.A. California Institute of Arts

M**Madrid, Vanessa (2014)**

Assistant Professor, Art
B.A. San Diego State University
M.F.A. Claremont Graduate University

Magabo, Susan (2010)

Lecturer, English
B.A. Philippines Normal University
M.A. University of Philippines

Manikandan, Gyanthri (2013)

Assistant Professor, Mathematics
B.S., M. S. Barathidasan University
M.S. California State University,
Long Beach

Maradiaga, Axa (2005)

Professor, Spanish
B.A., M.A. California State University,
Dominguez Hills

Marsh, Katherine (2015)

Instructor, Biology
B.S. Loyola University Chicago
Ph.D. University of Illinois at Chicago

Martinez, Elizabeth (2016)

Vice President, Student Services
B.A. University of California, Los Angeles
M.A. San Diego State University

Martinez, Jose M. (2013)

Assistant Professor, Mathematics
A.A. East Los Angeles College
B.S. University of California, Los Angeles
M.S. California State University,
Los Angeles

Martinez-Weitzel, Victoria (2008)

Lecturer, Counseling
B.A. California State University, Los
Angeles
M.S. California State University,
Long Beach

Maruri, Carlos (2015)

Instructor, Counseling
B.A., M.S. California State University,
Long Beach

Maruyama, David (2005)

Professor, English
B.A. University of California, Los Angeles
M.A., M.F.A. California State University,
Long Beach

Mason, Don (2017)

Instructor, Administration of Justice
B.S. Southern Illinois University
at Carbondale
M.S. Capella University
Ed.D. Grand Canyon University

Mayreis-Voorhis, Morgan (2010)

Lecturer, English
B.A., University of California, Irvine
M.A. California State University,
Northridge

McPatchell, David (1997)

Professor, Psychology
B.S. University of Kentucky
M.A. California State University,
Sonoma
M.A. University of New Mexico

Mediza, Joe (2003)

Professor, Mathematics
B.S. University of Iran
M.S. Sheraz University

Mills, Jesse (2014)

Assistant Professor, Political Science
B.A. Loyola Marymount University
Ph.D. University of Southern California

Mitu, Zenaida (2003)

Professor, Nursing
B.S., M.S. University of Santo Tomas

Moldoveanu, Minodora (2016)

Instructor, Communication Studies
B.A., M.A. California State University,
Long Beach

Moore, Sean Christopher (2016)

Instructor, Cosmetology
A.A. Cerritos College
B.S. Pepperdine University

Moshrefi, Farshid (2011)

Lecturer, Psychology
B.A. University of California, Los Angeles
M.A. Alliant International University
M.A. California State University,
Northridge

Most, Rosemary (2007)

Lecturer, Child Development
B.S., M.S. Southern Illinois University

Moten, Georgia (2009)

Lecturer, English
B.A., M.A. California State University,
Dominguez Hills

Murray, Rodney (1999)

Dean, Student Learning
Professor, Business
B.S., M.B.A. University of Redlands
Ph.D. Capella University

My, Alexander (1989)

Professor, Counseling
A.S. Austin Community College
B.A. Southwest Texas State University
M.A. Northeastern Illinois University
Ed.D. Nova University

N**Narusawa, Gary (2015)**

Instructor, Automotive Technology
B.A. California State University,
Fullerton

Niang, Babacar (2009)

Lecturer, Mathematics
B.S. Université de Pau et des Pays
de l'Adour France
M.S. California State University,
Los Angeles

Noonan, Lloyd (2008)

Lecturer, Humanities
B.S. University of California, Los Angeles
M.F.A. Goddard College

Norton, Thomas (2000)

Professor, English
B.A. University of Iowa
M.A. University of Wisconsin

O**Okbamichael, Mussie (2007)**

Lecturer, Geology
B.S. University of Asmara Eritrea
M.S. University of Netherlands,
Groningen
Ph.D. State University of New York,
Stony Brook

Ornelas, Miguel (2013)

Assistant Professor, Mathematics
B.A. University of California, Berkeley
M.A. California State University,
Fullerton

Orozco, Marco (2009)

Lecturer, Chemistry
B.S. University of California, Los Angeles
M.S. University of California, Irvine

Osanyinpeju, Abiodun (2003)

Dean, Student Learning
Professor, Biological Sciences
B.S. University of Ibadan
M.S., Ph.D. University of Lagos

P**Pham, Hoa (2012)**

Assistant Professor, Child Development
B.A. University of Texas, El Paso
M.Ed. University of Texas, Austin
Ed.D. University of California, Irvine

Phillips, Jasmine (2017)

Instructor, Human Development
B.A. California State University, Long Beach
M.S. Vanguard University of Southern California

Phillips, Marjeritta (2000)

Professor, Dance
B.A., M.A. California State University, Long Beach

Q**Quinones, Juan (2007)**

Lecturer, Child Development
B.A. University of California, Riverside
M.A. Pacific Oaks College

R**Radcliffe, Kendhal (2012)**

Assistant Professor, History
B.S. Emerson College
M.A., Ph.D. University of California, Los Angeles

Richardson, Pamela (2014)

Assistant Professor, Welding
B.S. University of Phoenix
M.A. National University

Rios, Liza (2013)

Assistant Professor, Communication Studies
B.A., M.A. California State University, Fullerton

Rivera-Mitu, Eliza (2004)

Instructor, Nursing
B.S. Concordia College, Philippines
M.S. California State University, Dominguez Hills

Roach, Donald A. (1985)

Professor, Mathematics
B.S. University of West Indies
M. Math. University of Waterloo
Ph.D. University of West Indies

Roach, Ruth (2003)

Professor, English
B.A., M.A.T. Occidental College
M.A., Ph.D. Claremont Graduate University

Roeun, Malinni (2014)

Assistant Professor, Mathematics
B.S., M.S. California State University, Long Beach
Ed.D., Argosy University

Roshanaei, Alireza (2006)

Lecturer, Mathematics
B.S., M.S. California State University, Long Beach

S**Sahebame, Mohsen (1998)**

Professor, Computer Information Systems
B.S., M.A. California State University, Long Beach

Sandoz, Jerreta (2009)

Lecturer, Administration of Justice
B.S. Union Institute & University

Sasser, Rachelle (1980)

Vice President, Human Resources
Professor, Educational Psychologist
B.A. University of California, Los Angeles
M.A. Pepperdine University

Schumacher, Holly (2010)

Associate Professor, Counseling
B.A. California State University, Long Beach
M.S. National University

Schwitkis, Kent (2014)

Assistant Professor, Astronomy, Physics
B.A. University of California, San Diego
M.S., Ph.D. University of California, Santa Barbara

Sedwick, Emily (2010)

Lecturer, Philosophy
M.A. California State University, Long Beach

Shabazz, Moyofune (2008)

Lecturer, Counseling
B.A., M.A. California State University, Los Angeles

Shigg, Cheryl (2005)

Lecturer, Nursing
A.S. Compton Community College
B.S.N., M.S.N. University of Phoenix

Sidhu, Rajinder (2014)

Assistant Professor, Anatomy, Physiology
B.S., M.S. Punjabi University Patiala

Sirajuddin, Ayesha (2016)

Instructor, Biological Sciences
A.S. Citrus College
B.S., M.S. California Polytechnic University, Pomona
Ph.D. University of California, Riverside

Smith, Darwin (1997)

Lecturer, Philosophy
B.A. California State University, Fullerton

Solomon, Lehenry (2010)

Lecturer, Psychology
B.A. Alabama State University
M.A. National University

Stoddard, Patricia (2011)

Associate Professor, Mathematics
B.S., M.S. California Institute of Technology
M.S. California State University, Long Beach

T**Tatlilioglu, Abigail (2011)**

Associate Professor, Mathematics
A.S. El Camino College
B.S., M.S. California State University, Long Beach

Tavakkoli, Mohamad (1987)

Professor, Mathematics
B.S., M.A. California State University, Los Angeles

Tavarez, Juan (2016)

Instructor, Spanish
A.A. Long Beach City College
B.A. California State University, Dominguez Hills
M.A. California State University, Fullerton

Thomas, Shirley (2003)

Professor, Nursing
B.S.N., M.S.N., F.N.P. University of Phoenix
Ed.D. Argosy University

Threadgill, Cheryl (1998)

Professor, Counseling
B.A. National-Louis University
M.A. Roosevelt University
M.A. National University

Turcotte, David (2019)

Instructor, Counseling
B.S. National University
M.S. Gwynedd Mercy University

U**Uch, Mandeda (2004)**

Professor, Music
A.S. Long Beach City College
B.M., M.M. California State University, Fullerton

Ueda, Dale (2011)

Assistant Professor, Heating & Air Conditioning
B.S. California State University, Dominguez Hills

V**Valdry, Andree (1999)**

Professor, Library Information Science
B.A., M.L.S. University of California, Los Angeles

Valle, Gerson (2014)

Assistant Professor, Mathematics
B.S., M.S. California State University,
Long Beach

Van Benschoten, William (2009)

Lecturer, History
B.A., M.A. University of California,
Riverside

Vanish, Clark (2006)

Lecturer, Mathematics
B.S. Wilberforce University
M.S. West Coast University
Ph.D. Claremont Graduate University

VanOverbeck, Michael (2018)

Instructor, Machine Tool/CNC Technology
A.S. El Camino College
B.F.A. California State University, Long
Beach

Villalobos, Jose M. (2002)

Professor, Mathematics
A.S. Compton Community College
B.S., M.S. California State University,
Long Beach
M.S., Ph.D. University of Southern
California

Vu, Tim (2010)

Lecturer, Mathematics
B.A. Saigon University
B.A., M.A. California State University,
Long Beach

W**Wagner, Summer (2010)**

Lecturer, Communication Studies
B.A., M.A. California State University,
Long Beach

Walker, Elizabeth (2008)

Lecturer, English, Political Science
B.A. Pepperdine University
M.A. Seton Hall University
M.A. California State University,
Dominguez Hills

Walker, Gregory (2010)

Associate Professor, Anatomy
B.S. Tuskegee University
M.D. Howard University

Wallano, Eyob (2007)

Professor, Biological Sciences
M.V.Sc. Pasteur Institute of Lyon
D.V.M. Kharkov Veterinary Institute

Walls, Phillip (2010)

*Lecturer, Air Conditioning
& Refrigeration*
A.A. El Camino College

Washington, Cassandra (2011)

Associate Professor, Child Development
B.A. California State University,
Dominguez Hills
M.A. California State University,
Los Angeles

Waters Harris, Kimberly (2011)

Lecturer, Nursing
M.S.N. California State University,
Fullerton

West-Lee, Pamella (1999)

Professor, Child Development
B.A., M.A., M.S. California State
University, Dominguez Hills

Wilkerson, Lynda (2018)

Instructor, Cosmetology
A.A. Fullerton College
B.A., M.A. California State University,
San Bernardino

Williams, Nikki (2012)

Assistant Professor, English, Sociology
B.A., M.A. California State University,
Dominguez Hills

Williams, Shannon (2013)

*Assistant Professor, Physical Education/
Baseball Coach*
A.A. Compton College
B.A. California State University,
Dominguez Hills
M.A. Concordia University

Willis, Edna (2007)

Lecturer, Nursing
B.S.N., M.S.N. California State University,
Dominguez Hills
Ed.D. Argosy University

Woodward, Valerie (2014)

Assistant Professor, English
B.A. Wellesley College
M.A. San Francisco State University
Ph.D. University of California, Riverside

Y**Yahye, Abdirashid (1996)**

*Professor, Computer Information
Systems*
B.S. Somali National University
M.S. University of Southern California

Professor Emeritus

Angelita Adeva
Carmela Aguilar
Jennell Allen
Stanley Allotey
Celia Arroyo
Sylvia Arroyo
Eugene Benson
Walter Bentley, Jr.
Janice J. Blume

Robert Boyd
Frederick Broder
Ikaweba Bunting
John Carroll
Albert Cherry
Joan Clinton
Ivan Crosbie
LaVonne Dempsey
Vernell DeSilva
Ruth Dorsey
Norma Espinosa-Parker
Carroll Fisher
Arthur Flemming
Charles Holt
Kathleen Huff-Daniel
Larry Jett
Robert Joiner
William Keig
Frederick Lamm
Shemiran Lazar
Lorraine Levin
Cornelia Lyles
Mario Macareno
Dorothy McAuley
Patrick McLaughlin
Ladislao Mendoza
Darnell Mitchell
Maxine Mobley
Mary Montgomery
Billie Moore
Maria Natividad
Michael Odanaka
Saul Panski
Arthur Perkins
Estina Pratt
Dwight Prince
Dovard Ross
Gloria Schleimer
Sandra Scranton
Floyd Smith
Eleanor Sonido
Arthur Stephenson
Carlys Stevens
Ella Stewart
Thamizhchelvi Subramaniam
Elizabeth Sweeney
Constance Taul
Loetta Taylor
Darwin Thorpe
Marie Van Vooren
Carolyn Ward
Toni Wasserberger
Andrew Watts
Luz Watts
Andrew Weems
Michael Widener
Hung Wu
Aaron Youngblood

Guided Pathway Divisions

Compton College developed five Guided Pathway Divisions focused on areas of interests and programs that will help you create a clear pathway to employment or further education. The degrees and certificates within a Guided Pathway Division is a clearly designed program of courses that includes different majors and fields but all have similar content. It is an easy way to search for and find the major that is right for you! Select one of the Guided Pathway Divisions to explore the programs and maps designed to help you stay on task while on your educational journey.

Guided Pathway Divisions Descriptions:

Business and Industrial Studies

The Business and Industrial Studies Guided Pathway prepares students to utilize hands-on skills to further their career goals in high demand business and technical trades. Students in this pathway can grow in their career or enter related industries as an entry level or advanced apprentice.

Fine Arts, Communication and Humanities

The Fine Arts, Communication and Humanities Guided Pathway provides coursework designed to prepare students for rewarding careers in fields that employ professional writers, artists, and communication specialists. Students within these fields of study will develop mastery in creative and analytical modes of expression and research, leading to a variety of different career paths in creative industries, education, government, and business.

Health and Public Services

The Health & Public Services Guided Pathway includes programs for students who are interested in careers dedicated to the well-being and in the service of others. Students will thrive in their field with knowledge of assessments, procedures, and human relations. Majors in this field will put students on a path to enter a career in healthcare, wellness, or the criminal justice system.

Science, Technology, Engineering and Math (STEM)

The Science, Technology, Engineering and Math (STEM) Guided Pathway includes programs that scientifically study the physical world to create and improve innovations that impact our lives. STEM majors help students develop analytical and problem-solving skills to prepare for careers in scientific research, medicine, and engineering.

Social Sciences

The Social Sciences Guided Pathway explores the interdisciplinary connections among fields of human growth, social behavior and historical analysis. Students will develop strong analytical thinking, research, communication, and relationship-building skills. These credentials lead to a number of different career paths in government, social work, education, business, or non-profit organizations.

Supported by the Tartar Focused and Directed Pathways to Completion Committee (Guided Pathways) on April 17, 2019. Approved by Compton College Academic Senate on Thursday, April 18, 2019.

Guided Pathway Divisions

Business and Industrial Studies

DEGREES AND CERTIFICATES AVAILABLE

Business Administration ^{AST}
 Business Management ^{AS}
 Computer Information Systems ^{AS and CERTs}
 Marketing ^{AS and CERT}
 Air Conditioning & Refrigeration ^{AS and CERTs}
 Auto Collision Repair/Painting ^{AS and CERTs}
 Automotive Technology ^{AS and CERTs}
 Cosmetology ^{AS and CERTs}
 Machine Tool Technology ^{AS and CERTs}
 Welding ^{AS and CERT}

OTHER COURSES AVAILABLE: *Degree or certificate not available at Compton College.*
 Accounting, Electronics/CPU Hardware, Law, Manufacturing Technology, Real Estate

Fine Arts, Communication and Humanities

DEGREES AND CERTIFICATES AVAILABLE

Music ^{AA and CERTs}
 Communication Studies ^{AAT}
 Studio Art ^{AAT}
 General Studies AA with an emphasis in:
 Culture & Communication;
 Fine & Applied Arts; or,
 Arts & Humanities
 Transfer Studies ^{CERT}
 English Literature/Rhetoric & Composition ^{AAT}
 Spanish ^{AAT}

OTHER COURSES AVAILABLE: *(Degree or certificate not available at Compton College.)* Academic Strategies, Dance, English as a Second Language, Film/Video, Humanities, Japanese, Journalism, Library Science, Philosophy, Sign Language/Interpreter, Theatre

Health and Public Services

DEGREES AND CERTIFICATES AVAILABLE

General Studies AA with an emphasis in
 Kinesiology & Wellness
 Kinesiology ^{AAT and CERTs}
 Nursing ^{AS}
 Administration of Justice ^{AST and CERT}

OTHER COURSES AVAILABLE: *Degree or certificate not available at Compton College.*
 Contemporary Health, Fire & Emergency Technology, First Aid, Human Development, Medical Terminology

Guided Pathway Divisions

Science, Technology, Engineering, and Math (STEM)

DEGREES AND CERTIFICATES AVAILABLE

General Science ^{AS}
 Physical Science ^{AS}
 Physics ^{AST}
 General Studies AA with an emphasis in
 Biological & Physical Sciences
 Mathematics ^{AST}

OTHER COURSES AVAILABLE: *Degree or certificate not available at Compton College.*
 Anatomy, Astronomy, Biology, Chemistry, Engineering, Geography, Geology, Microbiology, Physiology

Social Sciences

DEGREES AND CERTIFICATES AVAILABLE

Early Childhood Education ^{AST}
 Child Development ^{AA and CERTs}
 History ^{AAT}
 Political Science ^{AAT}
 Psychology ^{AAT}
 Sociology ^{AAT}
 General Studies AA with an emphasis in
 Social & Behavioral Sciences
 Ethnic Studies ^{AA}
 Liberal Studies (Elementary Teaching) ^{AA}
 Elementary Teacher Education ^{AAT}

OTHER COURSES AVAILABLE: *Degree or certificate not available at Compton College.*
 Anthropology, Economics, Women's Studies

KEY:

AST – Associate of Science for Transfer

AA – Associate of Arts

CERT – Certificate of Achievement

AAT – Associate of Arts for Transfer

AS – Associate of Science

CERTs – Multiple Certificates Available

Financial Aid

Financial Aid Office

Room E-17, 310-900-1600, ext. 2935

The primary goal of the Compton College Financial Aid Office is to help students achieve their educational potential by providing appropriate financial resources. Students should go to the Financial Aid Office to apply for financial assistance.

Financial Assistance

Compton College provides extensive services to help students meet the costs of attendance. The Financial Aid Office provides information regarding financial assistance available to students in the form of loans, grants, workstudy program, and scholarships. It is important that you not disqualify yourself from assistance before researching opportunities. Because of the costs of attending college, many students today receive some kind of aid. To help you better understand financial assistance and the application process, a free workbook published by the California Student Aid Commission is available from the Financial Aid Office (E-17). This workbook provides information on who qualifies for financial assistance, the various types of assistance, how to apply, and a calendar of deadlines for applying.

Eligible Students

According to CFR Public Law 112-74, effective 7/1/2012, new, first-time college students must have a high school diploma, or the recognized equivalent of a high school diploma such as General Education Diploma (GED) a High School Proficiency Exam that the state recognizes as the equivalent of a high school diploma; or completed secondary school in a homeschool setting; or completed at least a two year program that is acceptable for full credit toward a bachelor's degree; or excelled in high school and admitted into a program of study that leads at least to an associate's degree or its equivalent; or for student enrolled prior to 7/1/2012 demonstrated the ability-to-benefit from the education and training.

Ability to Benefit (ATB)

Compton College accepts for admission as regular students, persons who do not have a high school diploma or the recognized equivalent, and who are beyond the age of compulsory school attendance in California. If these students apply for financial assistance, the College is required by Public Law 102-26 to determine whether they have the ability to benefit from the education and training it offers. College students who were enrolled in Federal Title IV programs of study prior to 7/1/2012 at an eligible institution may meet the Ability Benefit requirement by achieving satisfactory score on the Computerized Placement Test (CPT), Accuplacer. For more information about this test, contact the Assessment Center, Room D-26, phone 310-900-1600, ext. 2830. Additionally, eligible continuing students who were enrolled in an eligible Title IV program of study prior to 7/1/2012 may meet the ATB requirements by completing six college degree applicable units. For additional information, call 310-900-1600, ext. 2935. The College's federal and state funds will be jeopardized if the College provides financial assistance to students who do not have a high school diploma or equivalent or to students that have not demonstrated the ability to benefit from College.

California College Promise Grant - Special Classifications

Students who are recipients of the Congressional Medal of Honor or dependents of an honoree, dependents of victims of the September 11, 2001 terrorist attack, or dependents of deceased law enforcement/fire suppression persons killed in the line of duty are eligible for a Special Classification fee waiver. Students with certification from the California Department of Veterans Affairs or the National Guard Adjutant General are also eligible for a waiver.

California College Promise Grant - Method A

For this waiver, students must be receiving TANF, SSI, or General Assistance and be legal residents of California. The CCPG application must be completed and a copy of a current monthly check or Untaxed Income Verification form must be submitted. Students are awarded up to \$46 a unit per semester, based on enrollment status. This is not a cash award to students but is simply a waiver of enrollment fees. Eligible students are not required to pay health fees. To maintain eligibility for the waiver, students must meet academic and progress standards by maintaining a cumulative grade point average (GPA) of 2.0 and must complete a minimum of 50 percent of courses attempted.

California College Promise Grant (CCPG) - Method B

For this waiver, students must meet low-income criteria* and be legal residents of California. The CCPG application must be completed and a copy of the prior year's federal tax return may be requested. Students are awarded up to \$46 per unit per semester, based on enrollment. This is not a cash award to students, but is simply a waiver of enrollment fees. The Board of Governors reserves the right to change the enrollment fees and the adjusted gross income financial limits every year. Please check with the Financial Aid Office or the webpage for current year information. To maintain eligibility for the waiver, students must meet academic and progress standards by maintaining a cumulative grade point average (GPA) of 2.0 and must complete a minimum of 50 percent of courses attempted.

**You will be asked to provide documentation of income.*

California College Promise Grant - Method C

For this waiver, students must demonstrate financial need at a minimum of \$1,104 and be legal residents of California. Eligibility is based on the completed FAFSA. Students are awarded \$46 a unit per semester based on enrollment status. This is not a cash award to students, but is simply a waiver of enrollment fees. To maintain eligibility for the waiver, students must meet academic and progress standards by maintaining a cumulative grade point average (GPA) of 2.0 and must complete a minimum of 50 percent of courses attempted.

This information is subject to change pending new regulations.

Please check with the Financial Aid Office for any changes in eligibility.

**Academic Standards and Financial Assistance**

Students who receive financial assistance are required to maintain satisfactory and measurable academic progress. A student must complete at least 67 percent of the total number of units they attempt (passed hours divided by attempted hours). All courses with grades of A, B, C, D, or F as well as P, W, I, IP, NP, MW, and repeated courses will be counted towards the total attempted units. Units from other regionally accredited colleges and universities that have been evaluated by the Compton College Admissions and Records Office and applied to the student's record will also be counted. In addition, a student must maintain a 2.0 cumulative grade point average (GPA). This GPA includes units at Compton College and those from other regionally accredited colleges and universities that have been evaluated by the Compton College Admissions and Records Office and applied to the student's academic record at the time a student petitions to graduate. GPA units are those with grades of A, B, C, D, or F. Progress will be reviewed at least once each term if the student attended at least one of the mini sessions. Students should review the current Satisfactory Academic Progress (SAP) policies on the Financial Aid webpage to clearly understand these standards. Financial aid academic standards should not be confused with the campus academic standards. Both standards apply to all students even if the student has not applied for financial aid.

Scholarships

These awards are granted to students who best fit the requirements established for each scholarship. There are many scholarships of different kinds for students transferring to baccalaureate institutions, as well as for those in residence at Compton College. For a list of scholarships, information as to their requirements, and application forms and deadlines, please contact the Financial Aid Office.

Federal & State Financial Assistance

The types of financial assistance listed below are based on financial need. Some are generally available, while others are restricted to students in certain fields of study. Inquire at the Financial Aid Office about other grants and loans that may be available.

Pell Grant – This is the first element in a financial assistance package. The actual amount is based on an “expected family contribution number,” the cost of attendance, and the number of units in which you are enrolled.

Federal Supplemental Educational Opportunity Grant (FSEOG) – These grants are for students who demonstrate the highest financial need and are used to supplement the Pell Grant

Federal Work Study – The purpose of this program is to stimulate and promote the part-time employment of students who are in need of earnings from employment to pursue courses of study at Compton College. Students may work up to 20 hours per week during the school year. Federal Direct Loan (Subsidized and Unsubsidized) - Federally administered, low-interest loans available to eligible students.



Chafee Grant – Chafee grant recipients may qualify for up to \$5000 a year as long as they are current or former foster youth who have not reached their 22nd birthday as of July 1st of the award year. Cal Grants – Cal Grant awards are state funded monetary grants given to California residents to help pay for college expenses. The Cal Grant awards do not have to be paid back.

Student Success Completion Grant (SSCG) – Cal Grant recipients may be eligible to receive up to \$4,000 per year. Each semester's disbursement will be based on the student's enrollment, which must be at least full-time in order to receive a disbursement. Students enrolled in 12 units or more (but less than 15 units) will be eligible to receive \$649 for the semester. Students enrolled in 15 or more units will be eligible to receive \$2,000 for the semester.

Admission Requirements

Admission

Any person over the age of 18 or possessing a high school diploma or its equivalent from the USA or other nation shall be admitted unless prohibited by law. If under the age of 18, students qualify if they have 1) graduated from high school or 2) passed the California High School Proficiency Examination.

Special Part-time or Full-Time Students

Compton College may admit as a special part-time or special full-time student anyone in grades kindergarten through 12 (K-12) who, in the opinion of the college president/CEO, may benefit from instruction. Enrollment fees will be waived pursuant to Education Code Section 72252.

K-12 students shall receive credit for completed courses. If credit is used for high school graduation, attention is called to Section 1630, Title 5, California Administrative Code.

California Residency Definition

A California resident for tuition purposes is defined as a citizen of the United States or a person who holds a status which allows him/her to establish residency in the United States, and can provide evidence of physical presence in the state of California for at least one year prior to the residency determination date, and evidence of intent to make California his/her permanent home. Documented evidence must correspond to dates of physical presence in California. A non-resident is a person who does not meet the residency requirements of the state of California for tuition purposes or who is a citizen of a foreign country and holds only temporary status in the United States.

California Residence Waiver

AB 540 allows qualified students who meet specific criteria to pay in-state tuition at California public colleges and universities.

Residence Requirements

A student 19 years or older who resides in California is classified as a district resident as defined by the California Education Code and may enroll in any courses for which he/she is qualified. Residence is determined based on two factors: continued physical presence in California and intent to maintain California as the legal state of residence. The student cannot have engaged in any activity that contradicts California residency law and the student may not be in a classification that by law prohibits the establishment of residence. The residence of the student under age 19 is determined by the legal residence of the student's parents or legal guardian as defined by law.

Exceptions to Residence Determination

A list of exceptions to residence determination will be issued by the Admissions and Records Office to each student who is classified as a "non-resident."

Consideration will be given to appropriate evidence submitted by the student who has or is currently serving in the United States military service or who is a dependent of a member of the United States military service. The student should contact the Admissions and Records Office for possible classification as a resident.

A student who is classified a non-resident may petition for residence in accordance with the laws and regulations of California and the policies and procedures of Compton College. The burden of proof is on the student. The petition for residence reclassification must be filed by the published deadline.

(Reference: Administrative Regulation 5015 - Residence Determination)

Appeal Procedure

Any student, after a decision on residence classification is rendered, may make written appeal as provided in Title 5, California Administrative Code, within 30 calendar days of notification.

Concurrent Enrollment of K-12 Students

Board Policy 5010

It is the policy of the Compton Community College District that the Compton College shall admit students who meet one of the following requirements and who are capable of profiting from the instruction offered:

I. General Admission

Any person over the age of 18 or possessing a high school diploma, or who has passed the California High School Proficiency Test, or has a GED, or has a Certificate of Completion from a High School or other nation shall be admitted.

II. K-12 Concurrent Enrollment (Also refer to AR 5011)

- A. Limitation of K-12 Concurrent Enrollment by Grade Level
 - a. Any student whose class level is equal to grades 9 and above is eligible to attend as a special part-time or full-time student for advanced scholastic or vocational courses provided they are not prohibited to attend by federal or state law.
- B. Admission of K-8 Students
 - a. A student in K-8 may be admitted for attendance under very limited circumstances as identified by the District.
- C. Admissions Procedures
 - a. The President/Chief Executive Officer shall establish procedures regarding ability to benefit and admission of high school and younger students.
- D. Denial of Special Full-time or Part-time Enrollment
 - a. The denial of special full-time or part time enrollment and the appeal process shall be identified in the District's procedures.

III. Claims for State Apportionment for Enrollment of Special Admission Students

- A. Claims for state apportionment submitted by the District based on enrollment of high school students, shall satisfy the criteria established by statute and any applicable regulations of the Board of Governors.



Steps to Enrollment

Steps to Enrollment

Step 1: Apply for Admission

www.compton.edu/Admission

File a college application Admission and declare one of these goals:

- Associate degree and transfer to a university
- Associate degree in a career technical program
- Associate degree in a general education program
- Certificate of Achievement or Completion in a career technical program
- Transfer to a university without an associate degree

Step 2: Financial Aid (recommended)

www.compton.edu/FinancialAid

Apply for financial aid by completing the Free Application for Federal Student Aid (FAFSA) www.fafsa.ed.gov/ or the California Dream Act Application (CADAA) for eligible AB 540 students <https://dream.csac.ca.gov>. The school code for Compton College is 001188.

- A variety of scholarships are available: www.compton.edu/student-services/financialaid/

Step 3: Participate in New Student Orientation

www.compton.edu/Orientation

New students must complete the Compton College New Student Orientation, available online or in person, to complete the Steps to Enrollment. The New Student Orientation mandatory for all new Compton College students, even if they have previously attended another college. The orientation will inform students about the college's educational opportunities, important guidelines for achieving academic goals, and academic and student support services.

Special orientation sessions are arranged for high school students at their high schools. In addition, orientations may be arranged for students who participate in support programs, such as Honors, First Year Experience, EOPS, Financial Aid, Special Resource Center and Athletics. In addition, students are encouraged to enroll in a human development course.

Step 4: Educational Planning

All new students are required to meet with a counselor prior to registration to develop an educational plan. English and mathematics placement is required to complete an educational plan. Compton College no longer offers a computerized placement test, Accuplacer. California's Assembly Bill (AB) 705 provides new guidelines for English and mathematics placement. Multiple measures may be used to determine students' placement in English and mathematics. The multiple measures used to place students are (1) high school GPA (2) high school courses and; (3) high school grades. Students may take the English and Mathematics Placement Survey and/or meet with a counselor to review students' high school academic history to recommend English and mathematics placement to assist in the development of an education plan.

All new students are required to obtain an abbreviated educational plan, which takes into account the students' unique experiences and goals to plan the students' first semester classes. Continuing students are required to complete a comprehensive educational plan by the time they have completed 15 units or by the end of the third semester at Compton College. The comprehensive educational plan includes all courses required for educational goal completion. For more information on making a counseling appointment, please see the counseling webpage at <http://www.compton.edu/student-services/support-services/counseling/>.

Continuing students should meet with a counselor at least once a year to track progress. During this meeting, students will complete/update an educational plan, which is a list of recommended courses for students to take to reach their educational goal. Any concerns regarding the educational planning (?) process may be addressed with the Dean of Counseling and Guided Pathways. A formal grievance must follow the policy and procedures outlined in this catalog.

For the non-matriculant student: All services and classes are open to general admission students. If students do not wish to matriculate, they will nonetheless be provided full access to services and classes at Compton College. General admission students will not be required to complete the Steps to Enrollment process.

Students must have transcripts from all colleges attended before making a counseling appointment. English, mathematics, or other subject courses completed with a grade of "C" or better at an accredited college may be used to meet prerequisites or co-requisites if the completed courses are equivalent to Compton College courses. High school transcripts may be used as part of multiple measures. Official transcripts must be mailed from each high school, college or university to the Compton College Admissions and Records Office. Hand carried transcripts are not accepted by the Admissions and Records Office.

Step 5: Register for classes

- Register online for classes on or after your assigned appointment time
- Registration is based on a priority system. Refer students to the section on the catalog.



Student Fees/Refunds/Credits

Enrollment Fee

Compton College has a strong commitment to ensuring accessibility to all of its programs and services to all students who are capable of benefiting from such programs and services. A limited number of related services, which the student uses shall be supported by fees charged to students to assist in defraying the costs of providing these services.

The mandatory general student fee will be assessed at the time of registration. Students who do not pay this required fee at the time of registration may be subsequently dropped from classes, and grades, transcripts, and diplomas will be withheld and future registration restricted. The enrollment fee is \$46 for each unit of credit (subject to change).

Students who are not dropped from courses for non-payment are still liable for all fees unless the student drops the courses by the published refund deadline. It is the student's responsibility to pay all fees or to drop themselves from their courses by the deadline dates. All fees, including any optional fees, such as a Parking Permit or ASB Student Activities Fee, that may have been requested at the time of registration must be paid by the deadline.

Students on a waitlist for a class must check their Compton College email DAILY to find out if they have been admitted to the class. If students are admitted to a class from the waitlist, they must pay those class fees on or before the next scheduled deadline or they will be dropped from all classes, including those already paid for.

It is the student's responsibility to keep informed of his or her waitlist status and to pay any fees due by the scheduled deadlines.

Compton College is part of the system of public higher education of the State of California. The information in this section may be subject to change as a result of new state legislation or requirements of the California Community Colleges Chancellor's Office after the publication date of this catalog.

The enrollment fee requirement does not apply to students enrolled in the non-credit courses specified in Education Code Section 84711. A student who is in the Temporary Assistance for Needy Families (TANF) Program, the Supplemental Security Income/State Supplementary Program (SSI/SSP), or the General Assistance Program in the Financial Aid Office must apply for the Enrollment Fee Financial Assistance programs in the Financial Aid Office prior to the close of the term in which the student is registered. If any additional documentation is required, it must be submitted to the Financial Aid Office and completed prior to the close of the school term. (Board Policy 5030)

All students interested in applying for financial aid or receiving financial aid need to refer to the information in the financial aid and scholarship section of this catalog.

Fee Payment Methods

Personal checks drawn on United States banks only, money orders or cash will be accepted for any fee paid. VISA, Discover, American Express, and MasterCard credit cards will also be honored. Checks returned by a student's bank for any reason will result in (1) suspension from enrollment, (2) denial of subsequent registration, and (3) a hold being placed on the student's transcript until the financial obligation has been satisfied. A service charge of \$20 will be assessed on any returned check.

Health Services Fee

In accordance with the California education Code, Section 72246, Compton College students pay \$19 each semester and \$16 per intercession for a health services fee to cover the operation, supervision, programs and services of the Student Health Center at Compton College.

There are exceptions under these conditions: Students who depend exclusively upon prayer for healing in accordance with the teachings of a bona fide religious sect, denomination or organization.

Exemptions: Part-time dual enrolled high school students are not required to pay the Health Services Fee.

Refund: Students who withdraw from all courses prior to the close of the second week of the term will be eligible for a refund of the Health Services Fee. Forms to request a refund may be obtained at the Bursar's Office.

Instructional Materials Fees

Students may be required to provide instructional materials required for a credit or non-credit course. Such materials shall be of continuing value to a student outside of the classroom setting and shall not be solely or exclusively available from the District. Required instructional materials shall not include materials used or designed primarily for administrative purposes, class management, course management, or supervision. Where instructional materials are available to a student temporarily through a license or access fee, the student shall be provided options at the time of purchase to maintain full access to the instructional materials for varying periods of time ranging from the length of the class up to at least two years. The terms of the license or access fee shall be provided to the student in a clear and understandable manner prior to purchase.

Non-Resident Fee

In addition to the general student fees, an out-of-state United States citizen or citizen of another country is charged a non-resident fee of \$242 for every credit unit (subject to annual change each fall semester).

Non-Resident Tuition Fee Refund

Non-resident students will receive a full or partial refund for non-resident tuition if they drop their classes through the online system, MyCompton, according to the following schedule:

1. During the second calendar week of the semester, 100 percent of the fee will be refunded.
2. During the third calendar week of the semester, 75 percent of the fee will be refunded.
3. During the fourth calendar week of the semester, 50 percent of the fee will be refunded.
4. During the fifth week of the semester, 25 percent of the fee will be refunded.

Refunds for the summer sessions and for short-term courses that meet less than 16 weeks will be granted if classes are dropped according to the following schedule:

1. During the second calendar week of the semester, 100 percent of the fee will be refunded.
2. During the third calendar week of the semester, 75 percent of the fee will be refunded.
3. During the fourth calendar week of the semester, 50 percent of the fee will be refunded.
4. During the fifth calendar week of the semester, 25 percent of the fee will be refunded.

Parking Fee

Students/visitors wishing to park on campus will pay a \$20 fee for the entire semester in accordance with Education Code Section 72247.

Students/visitors with disabilities who have been issued a DMV Person (DP) placard may park in any student space or faculty/staff space and **MUST DISPLAY** the DMV disabled person placard/plates AND a valid Compton College semester permit when parked on campus. To avoid receiving a parking citation, students must display both the disabled placard/plates and the Compton College semester permit. Students parking in marked Disabled parking spaces must display their DMV placard only. Temporary medical parking arrangements can be made at the Compton College Police Department.

The Compton Community College District shall not be liable under any circumstances for the loss or damage caused to any vehicle parked on or adjacent to any district property.

Refund of Enrollment/Parking Fees

To receive a refund, students must drop their classes through the online system, MyCompton, according to deadline dates published in the schedule of classes, the short-term calendar, and on fee receipts. Non-resident tuition refund dates are different. Refer to the Non-Resident Tuition Refund section.

To receive a refund for a parking permit, students must return the permit to the Bursar's Office within the time period specified in the class schedule. Refund checks will be mailed before the end of the semester.

If a mailing address has changed, please update the change through the MyCompton student portal. Students who drop a class that meets fewer than 15 weeks should consult the short-term calendar for refund deadlines.

A refund fee not to exceed \$10 may be charged for enrollment refunds.

Transcript of Compton College Record

A transcript of the student's academic record at Compton College will be furnished upon request by the student only, in person at the Admissions and Records Office or online at www.compton.edu/studentservices/admissionandrecords/transcripts. Academic work completed at other colleges will not be included on or with the Compton College transcript. Academic transcripts and documents from other colleges must be requested from those colleges. The first two Compton College transcripts are free.

Note: *A delay in mailing the transcript may result if a student has outstanding fees or fines against his/her record (library, laboratory, physical education locker, supplies or returned checks).*

Credit by Examination

Board Policy 4235

Compton Community College District shall adopt and publish regulations allowing students to receive credit by examination. Credit by examination may be obtained by one of the following methods:

- Credit by satisfactory completion of an examination administered by the college in lieu of completion of a course listed in the college catalog for a specific course by demonstrating mastery of the course content, objectives, and outcomes.
- Achievement of a score of three (3) or higher on an Advance Placement Examination administered by the College Entrance Examination Board.

Credit may be earned by students who satisfactorily pass authorized examinations approved or conducted by proper authorities of the college, in accordance with Title 5 section 55050.

Eligibility Requirements

For eligibility requirements and procedure for earning credit by exam, refer to Administrative Regulation 4235 – Credit by Examination.

Restrictions

Units earned by credit by examination shall not be counted in determining the 12 semester hours of credit in residence required for an associate degree. The maximum amount of credit by examination permissible shall not exceed 15 semester units, including not more than 50% of the credit required for the major subject field. Units earned by examination are not to be considered part of the student's unit load. Credits acquired by examination are not applicable to meeting of such unit and requirements as Selective Service deferment and Veteran's or Social Security benefits and shall not be considered in verifying eligibility for athletics or student government.

Courses Eligible for Credit by Examination

Health, Natural Sciences and Human Services Division

Contemporary Health 101
First Aid 101
Physical Education 260

Arts, Social Sciences and Career Technical Education Division

Administration of Justice
100, 103, 107, 109, 111, 115, 126, 130, 131, 170

Air Conditioning and Refrigeration
121, 123, 125, 127, 130, 136, 160

Automotive Collision Repair/Painting
101, 102, 103, 104, 106, 120, 122, 124, 126, 130, 132, 134, 140, 142, 144, 146, 150, 152, 153, 154

Automotive Technology
101, 114, 116, 121, 123, 124, 125, 143, 181

Computer Information Systems 113

Engineering Technology
110, 112, 114, 115, 116, 118

Fire and Emergency Technology
101, 102, 103, 105, 109, 110, 111

Japanese 101, 102

Machine Tool Technology 101, 110, 120, 140, 146, 160

Spanish 101, 102, 103, 104

Welding 105, 111, 113, 140, 142

Alternative Credit Options

Advanced Placement Tests

High school students who enroll at Compton College may petition for College credit based on high school Advanced Placement (AP) courses. Credit will be given for the following courses if the student has taken the appropriate Advanced Placement Test and received a score of 3, 4 or 5. (No credit will be given for a score of 1 or 2.) The maximum number of units granted toward the associate degree will be 15.

Students who plan to transfer to a four-year university must check the institution's AP credit policies in their catalog or the institution's website, or consult a Compton College academic counselor for unit and credit information for general education and major preparation. Course credit and units granted at Compton College may differ from course and unit credit granted by the transfer institution.

Art Examination (History of Art):

Art 102 (3 units)

Art 103 (3 units)

Biology Examination:

Biology 100 (4 units)

Chemistry Examination:

Chemistry 150 (5 units)

Note: The student must have a score of 4 or 5 and provide a laboratory portfolio to the Dean of Health, Natural Sciences and Human Services for evaluation for credit.

Economics Examination (Macroeconomics):

Economics 101 (3 units)

Economics Examination (Microeconomics):

Economics 102 (3 units)

English Examination (Language and Composition):

English 101 (4 units) - Score of 3 or 4

English 101 and English 102 (7 units) - Score of 5

English Examination (Literature and Composition):

English 101 (4 units) or

English 102 (3 units) - Score of 3 or 4

English 101 and English 102 (7 units) - Score of 5

Foreign Language Examination:

Two consecutive courses for a total of 8 units

Government and Politics Examination (American and California):

Political Science 101 (3 units)

Government and Politics Examination (Comparative):

Political Science 102 (3 units)

History Examination (American and World History):

History 101-102 (6 units)

History 140 (3 units)

Mathematics Examination:

Mathematics 150 (4 units) - Score of 4 or 5 on Statistics Examination

Mathematics 190 (5 units) - Score of 4 or 5 on Calculus AB Examination

Mathematics 190 (5 units) - Score of 3 on Calculus BC Examination

Mathematics 190 & 191 (10 units) - Score of 4 or 5 on Calculus BC Examination

Note: Students who score a 3 or better on the Statistics AP exam, the Calculus AB exam, or the Calculus BC exam have met the math competency for the associate degree, IGETC (Area 2) and CSU General Education (Area B4) mathematics requirements.

Physics Examination:

Physics 120 (4 units) - Score of 5 on

Physics B Examination

Physics 150 (4 units) - Score of 5 on

Physics C Examination

Psychology Examination:

Psychology 101 (3 units)

For further information about and petitions for advanced placement tests, contact an evaluations specialist in the Admissions and Records Office.

Acceptance of Credit

Credits earned at other colleges which are accredited by one of the regional accrediting agencies are customarily accepted for transfer to Compton College on receipt of an official transcript of record.

Students submitting transcripts from other colleges for the purpose of receiving a degree or certificate from Compton College must submit an official college-to-college transcript. Transcripts delivered by students will not be considered for degree or certificate purposes.

Appropriate college level United States Armed Forces courses also may be accepted for credit.

Credit for Military Service

The experience of the veteran will be reviewed and any appropriate credit granted. Once Compton College reviews and awards credit, it will become part of the veteran's permanent record. Credit will be awarded after completion of one semester of attendance at Compton College.

A copy of the veteran's separation document (form DD 214) or discharge paper (including the side showing dates of induction and separation) must be on file. No credit is approved for the six month Reserve program. Credit for military service is given according to length of service as follows:

- 90 days to 1 year: Contemporary Health 101 (3 units); Elective Credit (2 units)
- 1-2 years: Contemporary Health 101 (3 units); Elective Credit (4 units)
- 2 years or more: Contemporary Health 101 (3 units); Elective Credit (6 units)

Note: Veterans enrolling in Contemporary Health 101 will not be paid educational benefits for this course.

College Level Examination Program (CLEP) credit will be accepted when it is included on the American Council on Education (ACE) transcript.

High School Equivalents

Many courses and curricula offered at Compton College are based on the supposition that the student has completed the specific high school courses generally included in the college preparatory program. If the student has not met the prerequisite to a course, the individual should complete the equivalent Compton College course indicated here:

High School Course	Compton College Course
Algebra, first year	Mathematics 40
Algebra, second year	Mathematics 73 or 80
Geometry, one year	Mathematics 60
Trigonometry, one semester	Mathematics 170
Physics, one year	Physics 111 and 112
Chemistry, one year	Chemistry 104
Language, two years in one	First semester language

COMPTON COLLEGE ADVANCED PLACEMENT (AP) EXAM CREDIT

Compton College will grant degree-applicable credit for College Board Advanced Placement (AP) examinations for scores of 3, 4 or 5. AP exams that do not specify a general education area will receive elective credit. Course credit and units granted at Compton College may differ from course credit and units granted by a transfer institution. Please check AP credit policies in each four-year transfer institution's catalog or website or consult a Compton College academic counselor for unit and course credit major requirements.

AP Exam	Compton Associate Degree		CSU	UC
Type of Exam	Compton College GE Area	Compton College Course Equivalent for Major Requirements	CSU GE	IGETC
Art History	Humanities 3 semester units	Art 102, 103 3 units	Area C1 or C2 3 semester units	Area 3A or 3B
Art (Studio)			N/A	N/A
Biology	Natural Sciences 4 semester units	Biology 100 4 units	Area B2 and B3 4 semester units	Area 5B (with lab)
Calculus AB	Language and Rationality 3 semester units	Math 190 - Score of 4 or 5 5 units Score of 3 meets AA/AS math competency requirement	Area B4 3 semester units	Area 2A
Calculus BC	Language and Rationality 3 semester units	Math 190 Score of 3 5 semester units Math 190 and 191 Score of 4 or 5 9 semester units	Area B4 3 semester units	Area 2A
Calculus BC with AB subscore			Area B4 3 semester units	
AP CALCULUS EXAM LIMITATIONS				
Chemistry	Natural Sciences 4 semester units	Chemistry 150 5 semester units The student must have a score of 4 or 5 and provide a laboratory portfolio to the dean of natural sciences for evaluation before credit is earned	Areas B1 and B3 4 semester units	Area 5A (with lab)
Chinese Language & Culture	Humanities 3 semester units		Area C2 3 semester units	Area 3B and 6A
Computer Science A			N/A	N/A
AP CS EXAM LIMITATIONS				
Economics - Macroeconomics	Social/Behavioral Sciences 3 semester units	Economics 101 3 semester units	Area D2 3 semester units	Area 4
Economics - Microeconomics	Social/Behavioral Sciences 3 semester units	Economics 102 3 semester units	Area D2 3 semester units	Area 4

English - Language & Composition	Language and Rationality 3 semester units	English 101 Score of 3 or 4 4 semester units English 1101 and 102 Score of 5 7 semester units	Area A2 3 semester units	Area 1A
English - Literature & Composition	Language and Rationality or Humanities 3 semester units	English 101 4 semester units or English 102 3 units Score of 3 or 4 English 101 and 102 Score of 5 7 units	Area A2 and C2 6 semester units	Area 1A or 3B
AP ENGLISH EXAM LIMITATIONS				
Environmental Science	Natural Sciences 3 semester units	Geography 101 or Geology 101	Area B2 and B3 (if taken prior to Fall 2009) or Area B1 and B3	Area 5A (with lab)
French Language & Culture	Humanities 3 semester units		Area C2 3 semester units	Area 3B and 6A
French Literature	Humanities 3 semester units		Area C2 3 semester units (if taken prior to fall 2009)	Area 3B and 6A
German Language & Culture	Humanities 3 semester units		Area C2 3 semester units	Area 3B and 6A
Government & Politics - Comparative	Social/Behavioral Sciences 3 semester units	Political Science 102 3 semester units	Area D 3 semester units	Area 4
Government and Politics - U.S.	Social/Behavioral Sciences 3 semester units	Political Science 101 3 semester units	Area D and U.S. 2* 3 semester units	Area 4
AP GOVERNMENT EXAM LIMITATIONS			*Does not fulfill AHI California Government requirement	
History - European	Social/Behavioral Sciences or Humanities 3 semester units	History 141 3 semester units	Area C2 or D 3 semester units	Area 3B or 4
History - U.S.	Social/Behavioral Sciences or Humanities 3 semester units	History 101 and 102 6 semester units	Area C2 or D 3 semester units	Area 3B or 4F
History - World	Social/Behavioral Sciences or Humanities 3 semester units	History 140 3 semester units	Area C2 or D6 3 semester units	Area 3B or 4
Human Geography	Social/Behavioral Sciences 3 semester units		Area D5 3 semester units	Area 4E

Italian Language & Culture	Humanities 3 semester units		Area C2 3 semester units	Area 3B and 6A 3 semester units
Japanese Language & Culture	Humanities 3 semester units		Area C2 3 semester units	Area 3B and 6A
Latin - Vergil	Humanities 3 semester units		Area C2 3 semester units	Area 3B and 6A
Latin - Literature	Humanities 3 semester units		Area C2 3 semester units (if taken prior to fall 2009)	Area 3B and 6A
Music Theory		No course equivalency established		N/A
Physics B	Natural Sciences 4 semester units	Physics 120 Score of 5 3 semester units	B1 and B3 4 semester units*	Area 5A (with lab)
Physics C - Electricity/ Mechanics	Natural Sciences 3 semester units	Physics 150 Score of 5 4 semester units	Area B1 and B3 4 semester units*	Area 5A (with lab)
Physics C - Electricity/ Magnetism	Natural Sciences 3 semester units	Physics 150 Score of 5 4 semester units	Area 81 and B3 4 semester units*	Area 5A (with lab)
AP PHYSICS EXAM LIMITATIONS				
Psychology	Social/Behavioral Sciences 3 semester units	Psychology 101 3 semester units	Area D9 3 semester units	Area 4I
Spanish Language	Humanities 3 semester units	No course equivalency established; two consecutive semesters	Area C2 3 semester units	Area 3B and 6A
Spanish Literature	Humanities 3 semester units	No course equivalency established; two consecutive semesters	Area C2 3 semester units	Area 3B and 6A
Statistics	Language and Rationality 3 semester units	Math 150 Score of 4 or 5 4 semester units Score of 3 meets AA/AS math competency requirement	Area B4 3 semester units	Area 2

AP credit granted can be used to meet IGETC, CSU, A.A. and A.S. general education requirements and/or associate degree major requirements. A maximum of 15 units of AP credit can be applied to the associate degree. The number of units earned through AP exams will be noted on the student's transcript.

A.A./A.S.: Students with a score of 3 or better may use the AP exam for general education credit in the appropriate area; however, credit for a specific course to meet major requirements for the A.A. or A.S. degree will need to follow the course equivalent outlined by the academic department. A student who receives AP credit and then takes the equivalent Compton College course will have the unit credit for such duplication deducted prior to being awarded the A.A./A.S. degree.

CSU GE: The Advanced Placement examinations may be incorporated into the certification of CSU General Education Breadth requirements by any certifying institution. All CSU campuses will accept the minimum units shown and apply them toward fulfillment of the designated General Education Breadth area if the examination is included as part of a full or subject-area certification. Please note that individual CSU campuses may choose to grant more units than those specified toward completion of General Education Breadth and major requirements.

IGETC: AP exams must be used in area indicated regardless of where the certifying CCC's discipline is located.

TRANSFER: Students may use AP exams for transfer units and major requirements; however, the student must consult with a counselor and the four-year institution's college catalog or AP credit policies. Course credit varies by campus.

All California Community Colleges follow this standard policy on the use of AP credit for the A.A./A.S. degree. [Assembly Bill (AB) 1985 Advanced Placement Credit (2016, Williams)]

Registration for Classes

Open Enrollment

Unless specifically exempted by statute, every course, course section, or class, wherever offered and maintained by the District, shall be fully open to enrollment and participation by any person who has been admitted to Compton College and who meets such prerequisites as may be established pursuant to Article 2.5 (commencing with Section 55200) of Subchapter 1 of Chapter 6 of Division 6 of Title 5 of the California Code of Regulations.

Email Accounts and the Portal

Students are required to use their Compton College assigned email account. This email account is a tool used to communicate with faculty, academic divisions, to communicate with students. Email is the primary method used to communicate to students. Student email addresses are assigned after submitting an admissions application. Emails include the first letter of the student's First Name, and their full Last Name, followed by @compton.edu.

For example:

John Doe would be assigned the following email address: jdoe@compton.edu

Compton College's gateway to information about academic and financial aid records, registration and admissions information, and other general information about the college, is accessible through the **MyCompton**, student portal. Students may access **MyCompton** from the convenience of their home or from a computer lab. To get to the **MyCompton** student portal, visit www.compton.edu, click the **MyCompton** icon.

Registration Information

Registration Procedure

Upon completion of the admission requirements, students will receive a registration appointment. Registration appointments are issued by the Admissions & Records Office and indicate the day and hour after which students may register. Students will be able to access their registration appointments via the **MyCompton** portal.

Students may enroll on the date and time indicated or any time thereafter in accordance with the published registration schedule.

Schedule of Classes

Before the registration period for each semester or session, the College publishes a Schedule of Classes listing the courses offered and general registration procedures. Schedules are available online at www.compton.edu/student-services/admissionandrecords/ClassSchedule and may also be obtained at the Bookstore for a nominal fee. A searchable class schedule showing open and available classes is also available online and reflects the most current class information.

Registration Priorities

In compliance with Section 58108 of Title 5, California administrative Code, priority registration will be implemented as follows:

Tier One

1. Eligible students in Veterans, Foster Youth, DSPS, EOPS, and CalWORKs Groups.
1. Eligible students in groups approved by the Board of Governors. (There are currently no approved groups)

Tier Two

2. Eligible students in District designated groups.
2. Eligible In-district new students.

Tier Three

3. Eligible continuing students.
3. Eligible Non-district new or returning students.

Tier Four

4. Other new or returning students.
4. K-12 dual enrolled students.

Tier Five

5. Continuing students with 100 or more earned units.
5. Continuing students on probation for two consecutive terms, and reinstated dismissed students.

Students within each tier will be prioritized randomly. Eligible new students in Tiers One, Two, and Three must have completed orientation and developed a student educational plan to receive priority registration. Students should contact Veterans' Services, Foster Youth, DSPS, CalWORKs or EOPS to receive information on qualifications for these programs and eligibility for priority enrollment.

1. Tier One – Veterans, Foster Youth, DSPS, EOPS, and CalWORKs, and Board of Governors Designated Priority Groups

- Veterans - Any qualified member or former member of the Armed Forces of the United States.
- Foster Youth - Any student qualified to participate in the Foster Youth Program.
- DSPS - Any student qualified to participate in and who receives services from DSPS.
- EOPS - Any student qualified to participate in and enrolled into the EOPS program.
- CalWORKs - Any student qualified to participate in and enrolled into the CalWORKs program

2. Tier Two – District Designated and In-District New students. The student cohorts in Tier Two are members of a cohort approved by the Compton Community College District Board of Trustees to receive priority registration. For the purposes of priority enrollment, these groups shall be treated equally. Students in this Tier must meet the deadlines and requirements of the District. The approved cohorts are listed below and shall be updated, as needed, by the Director of Admissions and Records.

- District Designated Priority Groups:
 - Associated Students (Student Government)
 - Athletes
 - First Year Experience
 - Honors Transfer Program
 - Compton Promise
 - AB540
 - Homeless
- Eligible In-District New Students - Refer to Compton College Fact Book and attached document for In-District schools.

3. Tier Three – Continuing Students and Non-district new and returning

1. Any continuing student not disqualified from receiving priority registration by other sections of this procedure.
2. A continuing student is a student who continues enrollment without a break of enrollment of a primary term (fall or spring).
3. Other Eligible New/Returning Students
 - a. Other eligible Out-of-District new students
 - b. Eligible returning students

4. Tier Four – Other New and Returning Students who have not completed one or more of the required activities in the timeframe determined by the District, and K-12 Dual Enrollment students.

1. Other "in-district" students who have attended another college, but are new to Compton College
2. Out-of-district new students
3. Students returning to Compton College after a break in enrollment
4. New students that do not complete orientation and/or an educational plan
5. K-12 Dual Enrolled Students

Assignment of the registration appointment time for K-12 concurrently enrolled student is on a first-come, first-served basis. Each K-12 dual enrolled student shall be assigned a registration appointment time based on the submission date of all required documents for admissions (application for admissions, K-12 dual enrollment form, and other documents required by law, regulation, and District policy).



5. Tier Five – Students on probation for two consecutive primary terms; have reached the 100-unit limit; or have been reinstated following dismissal. Students in this category shall be prioritized randomly.

1. Probation: Continuing students who are on academic or progress probation for two consecutive primary terms.
2. One Hundred (100)-Unit Limit.
 - a. Continuing students who have earned one hundred (100) or more degree applicable semester units
 - b. Exemptions from 100-unit limit: Units for non-degree applicable English as a second Language or basic skills courses are exempted from the 100-unit limit.
3. Reinstated from Dismissal
 - a. Students who have been reinstated following dismissal. Students would have been dismissed for the following: academic dismissal, progress dismissal, or both academic and progress dismissal.
 - b. Dismissal does not include students who have been expelled or suspended for disciplinary reasons.

Continuous Enrollment for Priority Registration

Continuous enrollment at Compton College constitutes enrollment in the most recent previous semester per academic year, excluding summer or winter sessions. A student must remain enrolled in at least one course for sufficient time to receive a grade of "W" or a letter grade.

Registration Time Allowance

1. Scheduled Appointment Time
All students may register on or after their scheduled registration appointment time, but not before.
2. Failure of the Student to Meet Deadlines or Follow Policy and Procedure

All students must register by the published deadlines and in accordance with the policies and procedures of the district. If a student fails to meet these deadlines or to follow the district's policies and/or procedures, the student will not be allowed to register for courses. A student who attends and participates in a course without proper registration will not receive credit or a grade for that course, and backdating of registration will not be considered by the District unless the student can prove that he/she properly registered in a timely manner and it was a College error that caused the registration to fail.

A hold against a student (dean, fee, dismissal, etc.), a failure by the student to apply for admissions for the term in question and by the application deadline, a failure by the student to meet prerequisites or corequisites, an unapproved course overload, a K-12 form or process not properly executed, an admissions hold (residency, AB 540, missing data, etc.) not resolved by the student in the manner and timeframe proscribed by the District, shall not be considered to be College error. A student will not be allowed to enroll in a class if there is any time overlap with another class.

A student may not be allowed to enroll in a class if the enrollment violates any of the repeat rules as set forth in Title 5 or in the Compton College policy and procedure on repeats. Attending and participating in a course without registration, does not constitute college error.

For the complete Compton College Board Policy and Procedure for Priority Registration, please see and Administrative Procedure 5055.

Unit Limitations

The student's program of studies will vary according to individual need and objectives. The maximum full-time student program for a semester is 18 units without a physical education class and 19 units with a physical education class. The maximum program of study for a six-week summer session is 8 units. The maximum program for an eight-week summer session is 9 units if one unit is physical education. For the winter term, the maximum program of study is 7 units. A student wishing to take more than the maximum units may file an overload petition through the Admissions & Records Office. Students must have completed at least 15 transferable units in one semester at Compton College with a 2.75 grade point average and an overall grade point average of 2.5 or higher to be eligible for an overload.

In addition to scheduled class hours, students should include in their weekly schedule the time necessary to study and prepare for classes. Each student is expected to spend two hours per week in study and preparation for each class hour for lecture courses. In the Course Catalog, the minimum number of outside hours is noted for each class. Students who work in business or industry should reduce their total study programs in proportion to the demands of their employment and personal activities. If employment requires 40 hours or more per week, students would limit their study program to seven units or less each semester.

Full-Time Student

Definition of a full-time student is one that is enrolled in 12 units or more during the regular semester or four units during the summer session.

Veteran and War Orphan benefits under the GI Bill are based on 12 units for full subsistence; nine units for three-fourth subsistence; six units for half subsistence.

Enrollment verification for automobile insurance and other insurance benefits, a student must be enrolled in 12 units.

Athletic eligibility is based on 12 units, nine of which must be academic units.

Student government eligibility is nine units (Board Policy 5410).

Attendance**Attendance at First Class**

Students who enroll in class but do not attend the first scheduled class meeting, may be dropped from the roster. Additionally, their place in the class will be given to students on the waiting list. If illness or emergency prevents a student from attending the first class session, the student must contact the instructor.

A student who registers for a class and never attends is still responsible for dropping the class. Failure to properly drop a class by the appropriate deadline may result in a "W" and may hold the student responsible for any and all fees associated with the class. The burden of proof is on the student.

Attendance without Official Enrollment

Students will not be permitted to attend classes in which they are not officially registered. Exceptions may be allowed by the instructor for bona fide visitors. Students who attend a class without proper enrollment (the student did not properly register or add the class) by the published deadline will not be permitted to "late add" the class except for documented extenuating and mitigating circumstances. Students who do not properly register or add a class will receive neither unit or grade credit for that class.

Attendance during Semester

Students are expected to attend their classes regularly. Students who miss the first class meeting or who are not in regular attendance during the add period for the class may be dropped by the instructor. Students whose absences from a class exceed 10 percent of the scheduled class meeting time may be dropped by the instructor. However, students are responsible for dropping a class within the deadlines published in the class schedule. Students who stop attending but do not drop may receive a failing grade. Students may view their registration status on MyCompton.

Adding a Class

If space is available, students who have completed college admissions process may add a class by going to the first meeting of the class and securing permission of the instructor. It is the responsibility of the student to fulfill all requirements to add a course, and to add the course by the add deadline in accordance with college procedures. Adds will not be processed beyond the add deadline.

Filled and Cancelled Classes

Because many classes fill quickly in the registration process, students should enroll for classes as soon as their appointment time allows. All classes scheduled at Compton College are subject to cancellation. Although the College makes every effort to run each class which is scheduled, occasionally a class must be canceled due to insufficient enrollment or to the unavailability of an instructor.

Withdrawal from Class

Official withdrawal from class must be processed through the MyCompton student portal. Failure to complete this process may result in the assignment of a letter grade of A through F.

Dropping a Class

It is the responsibility of the student to drop officially from a class by the deadline date. If a student fails to drop by the deadline, the student may be subject to a substandard grade, a withdrawal "W," and incur all relevant fees.

Attendance by Non-registered Students

Only those students registered in a class may attend the class. Students who have completed the proper auditing procedure are allowed to attend without receiving grades or unit credit. No others may attend, including children of students.

Auditing of Courses

Education Code Section 76370 permits the Board of Trustees to authorize a person to audit a community college course.

A student may audit selected Compton College courses with following provisions:

1. Priority in class enrollment shall be given to students desiring to take the course for credit toward a degree or certificate. Auditing a course is on a space-available basis.
2. No student auditing a course shall be permitted to change his or her enrollment in that course to receive credit for the course. Students will not be permitted to earn credit by examination for audited courses.
3. A student wishing to audit a course must first obtain a petition to audit form in the Admissions Office. Registration for audit will occur no sooner than the second week of classes.
4. The audit of a class is subject to the approval of the instructor of the course and the dean of the academic division. Neither the instructor nor the dean is obligated to approve an audit.
5. Fee for auditing a class shall be \$15 per unit per semester (subject to change). Students enrolled in classes to receive credit for 10 or more semester credit units shall not be charged a fee to audit three or fewer semester units per semester. Fees are to be paid before attending the class and are non-refundable.

Children in Classrooms

Children are not permitted in classrooms while class is in session. Attendance in class is limited to officially enrolled students and authorized visitors and guests only. Students shall not allow children to be left unattended or unsupervised anywhere on campus. It is the responsibility of each faculty member to inform students of this requirement.



Graduation Requirements

Associate Degree

Definition of Associate Degree

The associate degree leads students through patterns of learning experiences designed to develop certain capabilities and insights. Among these are the ability to think critically and to communicate clearly and effectively both orally and in writing; to use mathematics; to understand the modes of inquiry of the major disciplines; to be aware of other cultures and times; to achieve insights gained through experience in thinking about ethical problems; to find, evaluate, use, and communicate information in various formats; and to develop the capacity for self-understanding. In addition to these accomplishments, the student shall possess sufficient depth in some field of knowledge to contribute to lifetime interest. An associate of arts degree is granted in a discipline in which behavioral sciences, fine arts, human movement, humanities, public affairs, or social sciences are integral within the academic area. An associate of science degree is granted in a discipline in which scientific thought and investigation are integral within the academic area or where there is emphasis on the application of mathematics, science, or technology.

Philosophy for Associate Degree and General Education

Board Policy 4025

The College recognizes the importance of educating individuals who will serve the local, state, national, and international communities. The associate degree requirements lead students through a general education pattern designed to encourage the development of broad knowledge in core subjects and the acquisition of sufficient depth in a specific field of knowledge. The awarding of an associate degree is intended to represent more than an accumulation of units. It recognizes a successful attempt on the part of the college to lead students through patterns of learning experiences designed to develop certain capabilities and insights. Among these are the following:

- to think and to communicate clearly and effectively both orally and in writing
- to use mathematics
- to understand the modes of inquiry of the major disciplines
- to be aware of other cultures and times
- to achieve insights gained through experience in thinking about ethical problems
- to develop the capacity for self-understanding
- to engage in lifelong learning

In addition to these accomplishments, the student shall possess sufficient depth in some field of knowledge to contribute to lifetime interest. Each associate degree offered by the College shall contain a pattern of general education and major courses selected to assure the collection of experiences, capabilities, and insights. Central to an associate degree, general education is designed to introduce students to the variety of means through which people comprehend the modern world. It reflects the conviction of Colleges that those who receive their degrees must possess in common certain basic principles, concepts, and methodologies both unique and shared by the various disciplines. College-educated individuals must be able to use this knowledge when evaluating and appreciating the physical environment, the culture, and the society in which they live. Most importantly, general education should lead to better self-understanding. Courses approved for inclusion in the general education requirements shall be evaluated as meeting this philosophy. The Superintendent/President shall, in consultation with the Academic Senate, develop and submit to the Board for approval procedures to assure that courses used to fulfill general education and associate degree requirements meet the standards used in this policy.

General Education Criteria for Associate of Arts and Associate of Science Degrees

1. Natural Sciences

Courses in the natural sciences are those which examine the physical universe, its life forms, and its natural phenomena. To satisfy the general education requirement in natural sciences, a course shall be designed to help the student develop an appreciation and understanding of the scientific method and encourage an understanding of the relationships between science and other human activities. This category would include introductory or integrative courses in astronomy, biology, chemistry, general physical science, geology, meteorology, oceanography, physical geography, physical anthropology, physics, and other scientific disciplines that emphasize experimental methodology, the testing of hypotheses, and the power of systematic questioning, rather than only the recall of facts. Courses which focus on personal, practical, or applied aspects are not suitable for this category.

2. Social and Behavioral Sciences

Courses in the social and behavioral sciences promote an appreciation and understanding of how members of diverse societies operate or have operated as individuals and social groups. To satisfy the general education requirement in social and behavioral sciences, a course shall develop an awareness of methods of inquiry and stimulate critical thinking about the ways in which people act and interact within social and cultural contexts. This category would include introductory or integrative survey courses such as child development, cultural anthropology, cultural geography, economics, family and consumer studies, history, political science, psychology, sociology, and related disciplines.

3. Humanities

Courses in the humanities are those that promote an appreciation of the cultural activities and artistic expressions of human beings. To satisfy the general education requirement in humanities, a course shall develop the student's awareness of the ways that people throughout the ages have artistically and culturally responded to themselves and the world around them and shall develop the student's aesthetic understanding and ability to make value judgments. This category would include introductory or integrative courses in the arts, foreign languages, literature, philosophy, and religion.

4. Language and Rationality

Courses in language and rationality are those that develop for the student the principles and applications of language toward logical thought, clear and precise expression, and critical evaluation.

- A. English Composition Courses that fulfill the written composition requirement shall focus primarily on both expository and argumentative writing.
- B. Communication and Analytical Thinking Courses that fulfill the communication and analytical thinking requirement shall include oral communications, written communications, critical reasoning, mathematics, logic, statistics, and computer languages and programming.

5. Health and Physical Education

Courses in health and physical education promote lifelong understanding of the basic human need for development and maintenance of good personal health and fitness. To satisfy the general education requirement in health education, a course shall help the student develop knowledge of personal health through the examination of health-related social problems, potential preventative strategies, and mediating actions. A physical education course shall

establish a foundation for regular life-long physical activity and provide opportunities for a student to develop competencies in activities that promote movement, reduce disease risk, and improve overall quality of life.

6. Mathematics Competency

A course satisfies the Mathematics Competency requirement if it integrates numeric, symbolic, functional, and spatial reasoning concepts, and enables students to apply their knowledge of mathematics to solve mathematical problems and to judge the reasonableness of their results in meaningful and authentic applications. A course satisfying the Mathematics Competency must have the same rigor and be at or above the level of difficulty of intermediate algebra.

Associate Degrees for Transfer

California Community Colleges offer associate degrees for transfer to the CSU. These include Associate of Arts (AA-T) or Associate of Science (AST) transfer degrees. These degrees are designed to provide a clear pathway to a CSU major and baccalaureate degree. California Community College students who are awarded an AA-T or AS-T degree are given priority admission consideration to a CSU campus or to a program that is deemed similar to their community college major. This priority does not guarantee admission to specific majors or campuses. If the AA-T or AS-T is deemed a similar degree by the CSU, students will be able to complete their remaining units for the bachelor's degree within 60 units.

Graduation

To receive an associate of arts or an associate of science degree from Compton College, a student must complete at least 60 units in degree applicable college courses, which must include general education requirements and course work in an approved transfer major or associate degree program. Course work toward the degree must be completed with a cumulative grade point average (GPA) of 2.0 or higher at Compton College and in work completed at all colleges. Students must also complete at least 12 semester units of study in residence within requirements for either the general education and/ or major. A notation of "Graduation with Honors" is earned with a cumulative GPA of 3.5 or higher. Students must file an Intent to Graduate Form in the evaluations area, located in the Admissions Office, by the deadline date published in the schedule of classes.

Evaluation of Completion of Requirements

Students who want to graduate from Compton College with an associate of arts or associate of science degree must file an Intent to Graduate form, which is evaluated according to the following conditions:

1. **Catalog requirement** – Degree requirements are derived from the catalog in effect at the time the student entered Compton College or from the current catalog, following the Catalog Rights guidelines (described below). Each catalog is in effect during the academic year for which it was published (fall semester through the summer session).
2. **Residency requirement** – Students must complete at least 12 semester units of study in residence within requirements for either the general education and/or major at Compton College.
3. **Unit requirement** – Sixty (60) degree applicable units are required for the associate degree, including appropriate general education and major requirements.
4. **General Education requirement** – Coursework toward the degree must be completed with a cumulative grade point average (GPA) of 2.0 or higher in work at Compton College and in work completed at all colleges.
5. **English requirement** – A minimum grade of “C” in a freshman composition course.
6. **Mathematics Competency requirement** – A minimum grade of “C” is required in this area.
7. **Major requirement** – A minimum grade of “C” in all courses toward the major.

Catalog Rights

Board Policy 4100.1

The Compton College Catalog specifies the general education, major, and unit requirements which the student must satisfy to qualify for an Associate Degree, a Certificate of Achievement or a Certificate of Accomplishment. Students who have maintained continuous enrollment may choose to graduate under the catalog requirements in effect either 1) at the time they began attending Compton College continuously or 2) at the time they graduate from Compton College. For degree and certificate purposes, continuous enrollment is defined as enrolling at Compton College at least one semester, (excluding summer and winter terms) each academic year and receiving a letter grade, “W” (Withdrawal), CR/NC (Credit/No Credit, or Pass/No Pass on the transcript.

Double Major

Students may receive a double major upon completion of the major requirements for the second major.

Second Degree

Students may receive both an associate of arts and an associate of science degree upon the completion of the specific general education and major requirements for each degree as stated in the catalog. Students qualifying for more than one AA or AS degree will have all degrees posted on their transcripts; however, they will only receive one diploma for an achieved AA degree and one diploma for an achieved AS degree. (References: Sections 55002(a) and 55060 et seq.; Board Policies 4100.1 and 4235.

General Information

Some courses listed in the associate degree requirements may not transfer to a four-year college or university. Please refer to the course notations listed in the curriculum section of this catalog. All degrees require a total of 60 units with no fewer than 18 units in the major and appropriate general education courses as indicated on the associate of arts or associate of science degree patterns that follow.



Academic Regulations

Grading and Academic Record Symbols

Board Policy 4230

Courses shall be graded using the grading system established by Title 5 section 55023.

*Applicable Administrative Regulation: AR 4230
Grading and Academic Record Symbols*

Semester Unit of Credit

College work at Compton College is measured in terms of semester units. One unit of credit is awarded for approximately 54 hours of lecture, study or laboratory work. The amount of credit awarded shall be adjusted in proportion to the number of hours of lecture, study or laboratory work.

Grade Records

Instructors will maintain records required by the District and report grades in a timely manner based on District procedures. Instructors shall maintain a careful record of graded assignments and, to support the grade assigned for the course, the grade roster should have a minimum of three grades plus the final examination grade for each student.

Grades, Grade Points, and Grade Point Average

Grade points are numerical values which indicate the scholarship level of letter grades. The grade point average equals the total grade points divided by the total units attempted for credit courses in which letter grades (evaluative symbols) have been assigned. Grade points are assigned according to the scale in the chart below.

A	Excellent	4 points for each unit
B	Good	3 points for each unit
C	Satisfactory	2 points for each unit
D	Passing, less than satisfactory	1 point for each unit
F	Failing	0 points for each unit
P	Pass, at least satisfactory (formerly C for Credit)	See Note 1
NP	No Pass, less than satisfactory (formerly NC for No Credit)	See Note 1
I	Incomplete	See Note 2
IP	In Progress	See Note 3
W	Withdrawal	See Note 4
MW	Military Withdrawal	See Note 5
RD	Report Delayed	See Note 6

Notes:

I. P/NP – Pass/No Pass (formerly Cr/NC for Credit/No Credit)

A certain number of courses are offered only on a P/NP basis while some others are offered on a P/NP or letter grade option depending on which the student selects by the fourth week of a 16-week class or 25% of a class. A student earning a P grade will receive unit credit toward graduation if the course is degree-applicable. Non-credit courses may also be offered P NP. Unit credit earned in P/NP courses will not be considered when calculating grade point average. Designation of P/NP or option P NP grading is included in the course description. All grades in credit courses except W and P/NP will be considered in determining the grade point average. While NP and W grades are not used in grade point determination, a student with an excessive number of withdrawals or NPs is subject to course repetition limitations and probation or dismissal regulations.

II. I - Incomplete

A student may receive a notation of "I" (Incomplete) and a default grade when a student did not complete his or her academic work for unforeseeable, emergency, and justifiable reasons. The Incomplete grade to be assigned by the instructor and designated on the student's transcript will be IB, IC, ID, IF, or INP. Collectively, these grades will be referred to as an "I" grade. The written record containing the conditions for removal of the "I" will be held for the student in the Records Office through the sixth week of the next regular semester. If the student does not complete the required work by the end of the sixth week, the "I" will automatically be removed and the default grade will be assigned. Any extension of the time for completion of the required work must be approved by the division dean. The student should petition for the extension of time on a form provided by the Admissions Office.

III. IP - In Progress

The "IP" symbol shall be used only in those courses which extend beyond the normal end of an academic term. It indicates that work is "in progress," but that assignment of an evaluative symbol (grade) must await its completion. The "IP" symbol shall remain on the student's permanent record in order to satisfy enrollment documentation. The appropriate evaluative symbol (grade) and unit credit shall be assigned and appear on the student's permanent record for the term in which the course is completed. The "IP" shall not be used in calculating grade point averages. If a student enrolled in an "open entry, open-exit" 3 course is assigned an "IP" at the end of an attendance period and does not reenroll in that course during the subsequent attendance period, the appropriate faculty will assign an evaluative symbol (grade A through F, P, or NP) to be recorded on the student's permanent record for the course.

IV. W - Withdrawal

It is the responsibility of the student to officially drop a class by the published withdrawal date. If a student fails to drop by that date, the student may be subject to a substandard grade. A student may also be dropped by the instructor if the student has been absent for more than 10% of the scheduled class meetings. Withdrawal from classes is authorized through the 12th week of instruction in a 16-week class, or 75% of a class, whichever is less. If a student remains in class beyond the published withdrawal date an evaluative symbol (grade A through F, P, or NP) or an "I" (Incomplete) shall be assigned. A student who must withdraw after the published withdrawal date due to extenuating circumstances may petition for assignment of a "W." Extenuating circumstances are verified cases of accidents, illnesses or other circumstances beyond the control of the student. No notation ("W" or other) shall be made on the academic record of the student who withdraws prior to the close of the second week of a 16-week class, or 20% of a class, whichever is less. Any withdrawal occurring after the published No Notation date shall be recorded as a "W" on the student's record. The "W" shall not be used in calculating grade point averages, but excessive "W's" shall be used as factors in course repetition and probation and dismissal procedures.

V. MW – Military Withdrawal

Military Withdrawal occurs when a student who is a member of an active or reserve United States military service receives orders compelling a withdrawal from courses. Upon verification of such orders, the student may be assigned "MW." Military withdrawals shall not be counted in the limitation on excessive withdrawals nor in progress probation and dismissal calculations.

VI. RD – Report Delayed

The "RD" symbol may be assigned by the registrar only. It is to be used when there is a delay in reporting the grade of a student due to circumstances beyond the control of the student. It is a temporary notation to be replaced by a permanent symbol as soon as possible. "RD" shall not be used in calculating grade point averages.

Grade Change**Board Policy 4231**

When grades are awarded for any course of instruction taught at Compton College, the determination of the student's grade by the instructor shall be final in the absence of mistake, fraud, bad faith, or incompetence as defined below:

- Mistake: an unintentional act, omission, or error by the instructor or the Compton College.
- Fraud: a deception deliberately practiced in order to secure unfair or unlawful gain.
- Bad Faith: an intentional dishonest act.
- Incompetence: a lack of fitness to perform required duties.

A student who alleges that a grade in a course was given as a result of mistake, fraud, bad faith, or incompetency may appeal the grade within 18 months of the last day of the term in which the grade was posted.

Upon determination by the Compton Community College District that a grade in a course was given as a result of fraud, the President/CEO or designee may change or remove the fraudulent grade from the student's transcript of record based on the recommendation of a faculty committee. Such action may be initiated upon determination of the fraud without regard to the time limits imposed on other grade appeal actions. The President/CEO shall implement procedures to assure the accuracy and integrity of all grades awarded by the faculty and maintained by the Compton Community College District. Procedures for changing or removing grades in accordance with this policy have been developed by the President/CEO or designees in collegial consultation with the Academic Senate. Administrative Regulation 4231 - Grade Change

Students may review the Administrative Regulation for Board Policy 4231 at: <http://www.boarddocs.com/ca/compton/Board.nsf/goto?open&id=B334CV0AF79D>.

Limitation to Remedial Coursework

Board Policy 4222

The President/CEO, in collegial consultation with the Academic Senate, as stated in Board Policy 2510, shall establish procedures that establish standards of scholarship and grading practice and symbols as established by Title 5.

The Board will determine a uniform grading practice for the District, based on sound academic principles.

Work in all courses acceptable in fulfillment of the requirements for an associate or baccalaureate degree, a certificate, diploma or license shall be graded in accordance with a grading scale adopted by the Board consistent with Section 55758. The grading system shall be published in the college catalogs and made available to students.

Pre-requisites and Co-requisites

Board Policy 4260

The Chief Executive Officer is authorized to establish pre-requisites. Co-requisites and advisories on recommended preparation for courses in the curriculum. All such pre-requisites, co-requisites, and advisories shall be established in accordance with the standards set out in Title 5. Any pre-requisites, co-requisites, or advisories shall be necessary and appropriate for achieving the purpose for which they are established. The procedures shall include a way in which a pre-requisite or co-requisites, and advisories shall be identified in District publications available to students.

The Chief Executive Officer shall, in consultation with the Academic Senate, develop and submit to the Board for approval procedures to assure that the policy is implemented according to the standards set in Title 5.

Probation, Dismissal and Readmission

Board Policy 4250

Probation

A student shall be placed on academic probation if the student has earned a cumulative grade point average below (2.0).

A student shall be placed on progress probation if the student has enrolled in a total of at least 12 semester units and the percentage of all units in which the student has enrolled, for which entries of "W," "I," "NC," and "NP" were recorded reaches or exceeds 50 percent.

A student shall be removed from academic probation when the student's cumulative grade point average reaches or exceeds 2.0. A student shall be removed from progress probation when the percentage of units of "W," "I," "NC," and "NP" drops below 50 percent.

Dismissal

A student who is on academic probation shall be subject to dismissal if the student has earned a cumulative grade point average below 2.0 in all units attempted in each of three consecutive terms. A student who is on progress probation shall be subject to dismissal if the percentage of cumulative units in which the student has enrolled for which entries of "W," "I," "NC," and "NP/(NC)" are recorded in three consecutive terms reaches or exceeds fifty percent.

Readmission

A student who has been dismissed may return to the College after "sitting out" one semester, or based on documented extenuating circumstances may submit an appeal for reinstatement. The appeal process is contained in Administration Regulation 4250.

Probation, Dismissal and Readmission

Administrative Regulation 4250

A student who is placed on Academic or Progress Probation or who is dismissed from Compton College will be notified in writing and will be informed of support services available.

A student who is on Academic or Progress Probation for two or more consecutive semesters is limited to no more than 12 units in any semester of 16 weeks or more, and no more than 5 units in any session shorter than 16 weeks (i.e. winter or summer session). Under special circumstances a student may petition for additional units through Admissions and Records.

A student who is on Academic or Progress Probation for two or more consecutive semesters or who is returning to Compton College after having been dismissed is required to see a counselor before registering for subsequent semesters. If the student has not attended for one or more semesters, an application for readmission is necessary.

The student has the right to appeal dismissal.

- a. The student must file the written petition of appeal with Admissions and Records within the time limit noted on the dismissal letter. If the student fails to file a written petition within the specified period, the student waives all future rights to appeal the dismissal and must sit out that semester.
- b. It is the student's responsibility to indicate on the petition a clear statement of the grounds on which continued enrollment should be granted and to provide evidence supporting the reasons.
- c. Petitions will be reviewed by the Reinstatement Committee. The student will be notified of the Committee's action in a timely manner (usually within 7 business days).
- d. The student may appeal the Committee's decision, in writing, to Admissions and Records within 21 calendar days of the date of notification. The decision of the Admissions and Records is final.

A readmitted student will remain on probation until the cumulative average is 2.0 or above and/or the percentage of "W," "I," and "NC/NP" entries are below 50%. A student who withdraws from Compton College voluntarily while on probation will be readmitted in the same status that existed at the time of withdrawal.

Academic Renewal Policy and Procedures

Board Policy 4240

The President/Chief Executive Officer shall, in consultation with the appropriate groups, develop procedures that provide for academic renewal. It is the policy of Compton Community College District to allow previously recorded substandard academic work to be disregarded if it is not reflective of a student's more recently demonstrated ability and if repetition is not appropriate to the current objectives of the student.

Procedures for implementing the policy will be developed in collegial consultation with the Academic Senate, as stated in Board Policy 2510.

(Reference: Administrative Regulation 4240 - Academic Renewal)

Academic Freedom

Board Policy 4030

The Compton Community College District recognizes that the search for the truth and the expressions of diverse opinions are essential to a democratic society, learning, and excellence in education, will encourage and protect academic freedom. Academic freedom is fundamental for the protection of the rights of the faculty member in teaching and of the student in learning. It carries with it responsibilities correlative with rights. Accordingly, a member of the faculty shall have the right to:

1. To freely examine or endorse unpopular or controversial ideas appropriate to course content in discussions with students, academic research and publications; nonetheless, the faculty member shall attempt to be accurate and objective and show respect for the opinions of others.
2. To select or recommend the selection of instructional materials for the courses which may contain unpopular or controversial ideas.
3. To speak and write as a citizen, provided that the faculty member recognizes a special obligation as a member of the educational profession and indicates that he or she is not speaking for the Center or District.

4. To present all points of view, including library materials of interest, information and enlightenment without regard for the race, nationality, social, political or religious view of the author.
5. To exercise other rights as a faculty member within the structure of state and federal laws protecting such rights.

Course Repetition

Board Policy 4225

The President/CEO or designee, relying primarily on faculty expertise, will have the authority to develop and implement policy and procedures with regards to repeatable and non-repeatable courses. Such policies and procedures will be developed in accordance with state, federal and/or district regulations.

Repeatable courses with the designation of "ab, abc, or abcd" may be taken more than once for credit. Compton College designates as repeatable courses for which repetition is necessary to meet the lower-division major requirements of CSU or UC for completion of a Bachelor's Degree, intercollegiate athletics and related conditioning courses, and intercollegiate academic or vocational competition courses.

Non-repeatable courses may be taken only once for credit. Students may retake a nonrepeatable course in which they have received a substandard grade (D, F, NP or NC) or Withdrawal (W) only once before college intervention.

Under special circumstances, students may repeat courses in which a grade of C or better was earned. These special circumstances and other specific exceptions to the above policies are detailed in administrative procedures.

When course repetition occurs, the permanent academic record shall be annotated in such a manner that all work remains legible, insuring a true and complete academic history.

Procedures for implementing the policy will be developed in collegial consultation with the Academic Senate.

(Reference: Administrative Regulation 4225 - Course Repetition Procedure)

Field Trips and Excursions

Board Policy 4300

The CEO shall establish procedures that regulate the use of District funds for student travel and attendance at conferences and other activities that are performed as a class assignment or cocurricular activity.

The CEO, under authorization from the Board of Trustees, may authorize field trips and excursions for students in connection with courses of instruction or college-related social, educational, cultural, athletic or musical activities to and from places in California, or any other state, the District of Columbia, or a foreign country.

The CEO may delegate the authority to the appropriate Vice President.

The District may pay for expenses of students participating in a field trip or excursion with auxiliary, grant or categorical program funds if the funds are used consistently with the funding source. The expenses of instructors, chaperones, and other personnel traveling with students may also be paid from District funds. No student shall be prevented from making a field trip or excursion which is integral to the completion of the course because of lack of sufficient funds.

Students and staff shall at all times adhere to the standards of conduct applicable to conduct on campus.

(Reference: Administrative Regulation 4300 - Field Trips and Excursions)



Students' Rights and Responsibilities

Student Rights and Grievances

Administrative Regulation 5530

For the purpose of this regulation, a student grievance is defined as a claim by a student that his/her student status, rights, or privileges have been adversely affected by a college decision or action. This regulation is available for students who desire to pursue grievance procedures against an employee of the District. The student shall be entitled to representation, by a person of his/her choice, other than legal counsel, at all informal complaint meetings. District employees will be notified of student grievances received by the Grievance Officer or designee and are entitled to representation at all informal complaint meetings.

Note: The District is committed to resolving student grievances in a fair and equitable manner. Students should work through the District's process first before escalating issues to other agencies. Issues that are not resolved at the District level may be presented to the California Community Colleges Chancellor's Office, the U. S Department of Education, or other federal, state or local applicable entity.

This regulation is not available for use by any student who believes he/she has been subjected to unlawful discrimination, including sexual and gender-based discrimination as prohibited by Title IX of the Higher Education Amendments of 1972. The basis for alleging unlawful discrimination, including sexual and gender-based discrimination, and the procedures to be used to file such a complaint are set forth in the District's Board Policy and Administrative Regulation 3430 – Prohibition of Harassment and Board Policy and Administrative Regulation 3540 – Sexual and Other Assaults on Campus. The District's Title IX Coordinator will be notified immediately upon the receipt of such grievances by the Grievance Officer or designee.

Students who make a false or malicious charge against an employee of the District are subject to disciplinary action as outlined in Board Policy 5500 and Administrative Regulation 5500 – Standards of Student Conduct.

The regulation shall include, but not be limited to, grievances regarding:

1. Admissions
2. Financial Aid
3. Access to or receipt of aid from student service entities
4. Noncompliance with board policies and administrative regulation
5. The exercise of rights of free expression protected by state and federal constitutions and Education Code Section 76120.

This regulation does not apply to the following:

1. Student disciplinary actions, which are covered under Board Policy 5500 and Administrative Regulation 5520 – Student Discipline Regulation.
2. Complaints about police citations (e.g., "tickets"). Complaints about citations must be directed to the District's Campus Police Department.
3. Course grades to the extent permitted by Education Code Section 76224 (a). Grade appeals, which are addressed in Board Policy 4231 and Administrative Regulation 4231 – Grade Change. Students may not grieve solely for receiving substandard grades.

Definitions:

1. **Party** – The student or respondent(s) together with their representatives. "Party" shall not include the Grievance Hearing Committee or the Grievance Officer.
2. **President/CEO** – The President/Chief Executive Officer or a designated representative of the President.
3. **Student** – A currently enrolled student, a person who has filed an application for admission to Compton College, or a former student. A grievance by an applicant shall be limited to a complaint regarding denial of admission. Former students shall be limited to grievances relating to course grades to the extent permitted by Education Code Section 76224(a).
4. **Grievant** – A student who has filed a grievance.
5. **Respondent** – Any person claimed by a grievant to be responsible for the alleged wrong doing.

6. **Business Day** – Unless otherwise provided, business day shall mean a day during which the college is in session and regular classes are held, excluding Saturdays, Sundays and public holidays.
7. **Grievance Officer** – Appointed by the President/CEO or designated representative assist students in seeking resolution.

Informal Resolution

1. The President/CEO or designee shall appoint an employee who shall assist students in seeking resolution by informal means. This person shall be called the Grievance Officer. The Grievance Officer and the student may also seek the assistance of the Associated Students Body President or designee in attempting to resolve a grievance informally.
2. A Student who believes that he/she has been treated unfairly by a District employee must make a reasonable, good faith attempt to resolve the problem on an informal basis by first meeting individually with the employee. In the event that the student first contacts the employee's supervisor (including the Dean of the faculty of the faculty or classified staff member), the supervisor shall first direct the student to meet with the employee. If the issue is not resolved in that meeting (or reasonable attempts to arrange the meeting fail), then the employee's supervisor shall meet with both parties, in an earnest and good faith attempt to resolve the matter successfully. If, after this, the matter cannot be resolved informally, the student may file a formal grievance.
3. At no time shall any of the persons directly or indirectly involved in the case use the fact of such informal discussion, the fact that a grievance has been filed, or the character of the informal discussion for the purpose of strengthening the case for or against persons directly involved in the dispute or for any purpose other than the settlement of the grievance.

4. Any student who believes he/she has a grievance shall file a Statement of Grievance with the Grievance Officer within ten (10) business days of the incident on which the grievance is based, or ten (10) business days after the student learns of the basis for the grievance, whichever is later. The Statement of Grievance must be filed whether or not the student has already initiated efforts at informal resolution, if the student wishes the grievance to become official. Within ten (10) business days following receipt of the Statement of Grievance Form, the Grievance Officer shall advise the student of his or her rights and responsibilities under these procedures, and assist the student, if necessary, in the final preparation of the Statement of Grievance form. All parties to the grievance shall be given notice not less than seven (7) business days from the filing of the grievance form.
5. If, at the end of the ten (10) business days following the student's first meeting with the Grievance Officer there is no informal resolution of the complaint which is satisfactory to the student, the student shall have the right to request a grievance hearing. The respondent(s) will be informed at this stage within two (2) business days.
6. This concludes the Informal Resolution Process.

Grievance Hearing Committee

The President/CEO or designee shall at the beginning of each semester, including any intersession, establish a standing panel of members of the College community, including students, classified staff, faculty members, and administrators, from which one or more Grievance Hearing Committees may be appointed. The panel will be established with the advice and assistance of the Associated Student Body, Compton Community College Federation of Employees Classified Unit, and the Academic Senate, who shall each submit names to the President/CEO or designee for inclusion on the panel. A Grievance Hearing Committee shall be constituted in accordance with the following:

1. It shall include one student, two faculty member, one classified employee, and one administrator selected by the President/CEO or designee.

2. No person shall serve as a member of a Grievance Hearing committee if that person has been personally involved in any matter giving rise to the grievance, has made any statement on the matters at issue, or could otherwise not act in a neutral manner. Any party to the grievance may challenge for cause any member of the hearing committee prior to the beginning of the hearing by addressing a challenge to the President/CEO or designee who shall determine whether cause for disqualification has been shown. If the President/CEO or designee feels that sufficient ground for removal of a member of the committee has been presented, the President/CEO or designee shall remove the challenged member or members from the panel described above. This determination is subject to appeal as defined below.
3. The Grievance Officer shall sit with the Grievance Hearing Committee but shall not serve as a member nor vote. The Grievance Officer shall coordinate all scheduling of hearings, shall serve to assist all parties and the Grievance Hearing Committee to facilitate a full, fair and efficient resolution of the grievance, and shall avoid an adversary role.
 - d. The grievance was filed in a timely manner; and
 - e. The grievance is not clearly frivolous, clearly without foundation, or clearly filed for purpose of harassment.
4. If the grievance does not meet each of the requirements, the Grievance Officer shall notify the student in writing of the rejection of the Request for a Grievance Hearing, together with the specific reason(s) for the rejection and the procedures for appeal. This notice will be provided within ten (10) business days of the date the decision is made by the Grievance Officer.
5. Any appeal relating to a Grievance Officer decision that the Statement of Grievance does not present a grievance as defined in these procedures shall be made in writing to the President/CEO or designee within five (5) business days of that decision. The President/CEO or designee shall review the Statement of Grievance and Request for a Student Grievance Hearing in accordance with the requirements for a grievance provided in these procedures but shall not consider any other matters.
6. If the Request for a Grievance Hearing satisfies each of the requirements, the Grievance Officer shall schedule a grievance hearing. The hearing will begin within fifteen (15) business days following the decision to grant a Grievance Hearing. All parties to the grievance shall be given not less than seven (7) business days' notice of the date, time and place of the hearing, a copy of the grievance, any supporting documentation, and the opportunity to provide a written response.

Request for Students Grievance Hearing

1. Any request for a grievance hearing shall be filed with the Grievance Officer on a request for a Student Grievance Hearing Form within ten (10) business days after filing the statement of Grievance as described above.
2. Within fifteen (15) business days following receipt of the request for a grievance hearing, the President/CEO or designee shall appoint a Grievance Hearing Committee as described 4 above. The Grievance Hearing Committee shall meet in private, without the parties present, to select a chair to determine the basis of Statement of Grievance.
3. If the hearing is warranted, the determination of whether the Statement of Grievance presents sufficient grounds for a hearing shall be made by the Grievance Officer based on the following:
 - a. The statement contains facts which, if true, would constitute a grievance under these procedures;
 - b. The grievant is a student as defined in these procedures, which include applicants and former students;
 - c. The grievant is personally and directly affected by the alleged grievance;

Hearing Procedure

1. The decision of the Grievance Committee chair shall be final on all matters relating to the conduct of the hearing unless there is a majority vote of the other members of the panel to the contrary.
2. The members of the Grievance Hearing Committee shall be provided with a copy of the grievance and any written response provided by the respondent before the hearing begins.
3. Each party to the grievance may call witnesses and introduce oral and written testimony relevant to the issues of the matter. Formal rules of evidence shall not apply. Any relevant evidence shall be admitted.

4. District employees will be notified of grievance hearings in advance by the Grievance Officer or designee at least seven (7) business days in advance and are entitled to representation at grievance hearings. District employees will be provided with a copy of all documentation collected related to a grievance at least two (2) business days prior to 5 grievance hearings. Student grievant will also have the right to request all documentation collected related to a grievance at least two (2) business days prior to grievance hearings.
5. Unless the Grievance Hearing Committee determines to proceed otherwise, each party to the grievance shall be permitted to make an opening statement. Thereafter, the grievant or grievant shall make the first presentation, followed by the respondent or respondents. The grievant(s) and respondent(s) may present rebuttal evidence after the respondent(s) evidence is presented. The burden shall be on the grievant or grievant(s) to prove by substantial evidence that the facts alleged are true and that a grievance has been established as specified above.
6. Each party to the grievance may represent himself/herself and may also have the right to be represented by a person of his/her choice; except that a party shall not be represented by an attorney unless, in the judgement of the Grievance Chair, complex legal issues are involved. If a party wishes to be represented by an attorney, a request must be presented no less than (5) business days prior to the date of the hearing. If one party is permitted to be represented to by an attorney, the other party shall have the right to be presented by an attorney. The hearing committee may also request legal assistance through the President/CEO or designee. Any legal advisor provided to the hearing committee may sit with it in an advisory capacity to provide legal counsel but shall not be a member of the panel nor vote with it.
7. Hearing shall be closed and confidential unless all parties request that it be open to the public. Any such request that it be open to the public. Any such request must be no less than five (5) business days prior to the date of the hearing.
8. In a closed hearing, witnesses shall not be present at the hearing when not testifying, unless all parties and the committee agree to the contrary.
9. The hearing shall be recorded by the Grievance Officer by audio tape recording and shall be the only recording made. No witness who refuses to be recorded may be permitted to give testimony. The Grievance Hearing Committee Chair shall, at the beginning of the hearing, ask each person present to identify themselves by name, and thereafter shall ask witnesses to identify themselves by name. The audio recording shall always remain in the custody of the District, unless released to a professional transcribing service. Any party may request a copy of the audio recording.
10. All testimony shall be taken under oath. The Grievance Hearing Committee Chair shall administer the oath. Written statements of witnesses under penalty of perjury shall not be used unless the witness is unavailable to testify. A witness who refuses to be audio recorded shall be considered unavailable.
11. Within five (5) business days following the close of the hearing, the Grievance Hearing Committee shall prepare and send to the President/CEO or designee a written decision. The decision shall include specific factual findings regarding the grievance and shall also include a specific recommendation regarding the relief to be afforded the grievant, if any. The decision shall be based only on the record hearing, and not on matters outside of that record. The record consists of the original grievance, any written response, and the oral and written evidence produced at the hearing.

The President/CEO or Designee Decision

Within five (5) business days following receipt of the Grievance Hearing Committee's decision and recommendation(s), the President/CEO or designee shall send to all parties his/her written decision, together with the Grievance Hearing Committee's decision and recommendations. The President/CEO or designee may accept or reject the findings, decisions and recommendations. The President/CEO or designee may accept or reject the findings, decisions and recommendations of the Grievance Hearing Committee. The factual findings of the Grievance Hearing Committee shall be accorded great weight; and if the President/CEO or designee does not accept the decision or a finding or recommendation of the Grievance Hearing Committee, the President/CEO or designee shall review the record of the hearing and shall prepare a new written decision which contains specific, factual findings and conclusions. The decision of the President/CEO or designee shall be final, subject only to appeal as provided below.

Appeal

Any party to the grievance may appeal the decision of the Grievance hearing Committee by writing to the President/CEO within seven (7) business days of the date on the written notification by the Grievance hearing Committee.

1. The President/CEO shall examine all documents received and shall grant review of the matter only if he or she determines from these documents that the decision of the Grievance hearing Committee was in error.
2. If the President/CEO determines that review is not appropriate, he or she shall, within ten (10) business days after receipt of the request for review, send written notice denying review and affirming the decision of the Grievance hearing Committee.
3. If the President/CEO determines that review is appropriate, he or she shall, within ten (10) business days after receipt of the request schedule a meeting with the grievant or respondent and the Grievance Hearing Committee chair, giving the grievant or respondent at least five (5) business days written notice. The grievant or respondent will be allowed to present his or her objections to the President/CEO decision, and the Grievance Hearing Committee chair will be allowed to respond thereto.
4. After such meeting, the President/CEO may reverse, revise or modify the decision or the President/CEO may let the decision stand.
5. The President/CEO's decision shall be in writing and shall include a statement of reasons for the decision. President/CEO's decision shall be final. The decision will be sent in writing to the grievant and respondent no more than five (5) business days following the appeal. Time Limits Any times specified in this administrative regulation may be shortened or lengthened if there is mutual concurrence by all parties.



Student Complaint Procedure for Issues Not Resolved at the Campus Level

Most complaints, grievances, or disciplinary matters should be resolved at the campus level. This is the quickest and most successful way of resolving issues involving a California Community College (CCC). Students are encouraged to work through the campus complaint process first, before escalating issues to any of the following resources. Issues that are not resolved at the campus level may be presented:

1. To the Accrediting Commission for Community and Junior Colleges (ACCJC) at www.accjc.org/complaint-process if the complaint is associated with the institution's compliance with academic program quality and accrediting standards. The ACCJC can also be contacted by mail (The Accrediting Commission for Community and Junior Colleges Western Association of Schools and Colleges, 10 Commercial Boulevard, Suite 204, Novato, CA 94949), or by phone (415-506-0234), fax (415-506-0238), or email (accjc@accjc.org). ACCJC is the agency that accredits the academic programs of the California Community Colleges.
2. To the CCC Chancellor's Office Complaints Form at <http://californiacommunitycolleges.cccco.edu/complaintsForm.aspx> if your complaint does not concern Compton College's compliance with academic program quality and accrediting standards.
3. To the CCC Chancellor's Office Legal Affairs website at <http://extranet.cccco.edu/Divisions.aspx> if your complaint involves unlawful discrimination.
4. To the Board of Registered Nurses (BRN) at www.rn.ca.gov/enforcement/complaint.shtml if the complaint involves the Nursing program and alleges that a licensee of the Board has engaged in illegal activities which are related to his/her professional responsibilities. The BRN can also be contacted by mail (Board of Registered Nursing, Attn: Complaint Intake, PO Box 944210, Sacramento, CA 94244-2100), or by phone, (916-322-3350), fax (916-574-7693), or email (Enforcement.BRN@dca.ca.gov).

5. To the Joint Review Committee on Education in Radiologic Technology (JRCERT) at www.jrcert.org/ if the complaint involves the Radiologic Technology program and alleges non-compliance with JRCERT accreditation standards. JRCERT can also be contacted by mail (Chief Executive Officer, Joint Review Committee on Education in Radiologic Technology, 20 North Wacker Drive, Suite 2850, Chicago, IL 60606-3182), or by phone (312-704-5300), fax (312-704-5304), or email (mail@jrcert.org).
6. To the Commission on Accreditation for Respiratory Care (COARC) at www.coarc.com/ if the complaint involves the Respiratory Care program and alleges non-compliance with COARC accreditation standards. COARC can also be contacted by mail (Commission on Accreditation for Respiratory Care, 1248 Harwood Road, Bedford, TX 76021-4244), or by phone (817-283-2835), fax (817-354-8519), or email (tom@coarc.com).
7. To the Office of the State Fire Marshal at <http://osfm.fire.ca.gov/> if the complaint involves the Fire and Emergency Technology program and alleges non-compliance with accredited academies standards. The Assistant State Fire Marshal can be contacted by mail (Office of the State Fire Marshal, Assistant Fire Marshal, 1131 S. Street, Sacramento, CA), or by phone (916-445-8195). The Office of the State Fire Marshal Accredited Academies Coordinator can be contacted by phone (916-445-4518).

Policies and Procedures

Standards of Student Conduct

Board Policy 5500

The President/Chief Executive Officer shall establish procedures for disciplining students in accordance with the requirements for due process of the federal and state laws and regulations. The procedures shall clearly define the conduct that is subject to discipline, and shall identify potential disciplinary actions including, but not limited to, the removal, suspension, or expulsion of a student.

The Board of Trustees shall consider any recommendation from the President/ Chief Executive Officer for expulsion. The Board shall consider an expulsion recommendation in closed session unless the student requests that the matter be considered in a public meeting. Final action by the Board on the expulsion shall be taken at a public meeting.

Compton College is dedicated to maintaining an optimal learning environment and insists upon academic honesty and adherence to standards of student conduct. To uphold the academic integrity, all members of the academic community shall assume responsibility for providing an educational environment of the highest standard characterized by academic honesty. It is the responsibility of all members of the academic community to encourage learning, promote honesty, and act with fairness. Student conduct at Compton College must conform to federal and state laws and District policies and procedures.

Compton College personnel are dedicated to maintaining a positive learning environment. Optimal standards of conduct are essential to the maintenance of a quality college environment. Compton College will develop and maintain Standards of Student Conduct. The procedures shall be made widely available to student through the College catalog, and other means including electronic communications.

Applicable Administrative Regulations:

- AR 5500 Standards of Student Conduct
- AR 5520 Student Discipline Procedures
- AR 5530 Student Rights and Grievances

Student Discipline and Due Process Procedure

Administrative Regulation 5520

The purpose of this regulation is to provide a prompt and equitable means to address violations of the Standards of Student Conduct, which guarantees to the student or students involved the due process rights guaranteed them by state and federal constitutional protections. This procedure will be used in a fair and equitable manner, and not for purposes of retaliation. It is not intended to substitute for criminal or civil proceedings that may be initiated by other agencies.

The Administrative Regulation is specifically not intended to infringe in any way on the rights of students to engage in free expression as protected by the state and federal constitutions, and by Education Code Section 76120, and will not be used to punish expression that is protected.

DEFINITIONS

1. **College District** – Compton Community College District. Student discipline sanctions imposed to students at Compton College will also apply to all instructional sites in the Compton Community College District.
2. **Student** – Any person who has applied for admission or currently enrolled as a student in any program offered by the College District.
3. **Instructor** – Any academic employee of the College District in whose class a student subject to sanction is enrolled, or counselor who is providing or has provided services to the student, or other academic employee who has responsibility for the student's educational program.
4. **Complainant**– A person who submits a charge alleging that a student has violated the College District's Student Code of Conduct.
5. **Accused Student** – A student who has been accused of violating the Student Code of Conduct by a College District employee, student, or visitor.
6. **Advisor** – An advisor is anyone other than the complainant or accused student. An advisor may include, but is not limited to, another student, family member, attorney, College personnel, or community member. The advisor's role is to observe, provide counsel, or support the complainant or accused student.
7. **Business Day** – Unless otherwise provided, a business day shall mean a day during which the College District is in session and regular classes are held, excluding Saturdays, Sundays, and public holidays.
8. **College District Property** – Property under the control of the Compton Community College District or any place that is the site of a College District approved activity or function.

JURISDICTION OF THE COLLEGE

Sanctions for violations of the Student Conduct Code may be imposed for conduct which occurs on the College premises, in or out of the classroom setting, while using College technology, at off-campus instructional sites, during off-campus College-sponsored events and for off-campus conduct which materially and substantially interferes with the College's operational and educational programs.

FILING A COMPLAINT

Any person may allege a violation of the Student Conduct Code by completing a Student Conduct Incident Report and Referral Form and submitting it to the Student Development Office. The College reserves the right to initiate a student conduct process based on available information, even if a formal complaint has not been received. The complaint shall describe the conduct in question and, if known, the name of the person or persons alleged to have engaged in that conduct. The filing of a complaint assumes that the complainant desires to initiate the inquiry that may result in official disciplinary action against the alleged violator. The complainant should file a complaint within a reasonable amount of time not to exceed thirty (30) business days from the date of the incident.

OVERVIEW OF DISCIPLINE PROCESS

1. Each student is responsible for reading and complying with the Standards of Student Conduct which is made available on the Compton College website on the Student Development Office page or from the Student Development Office located in R-61 and the College Catalog.
2. Any member of the College community can initiate an accusation of an alleged violation.
3. If a student is accused of an alleged violation, he or she will receive written notice of the conduct warranting discipline via Compton College issued e-mail account with delivery notification. The notice may include a request for a review meeting and will include:
 - a. The specific code violations
 - b. A short statement of the facts supporting the accusation
 - c. The right of the student to meet with the Director of Student Development & Athletics or designee
 - d. Reference to the Standards of Student Conduct outlining the process and rights of students
 - e. The nature of the sanctions being considered.
4. Time Limits - The notice must be provided to the student within forty (40) business days of the date on which the conduct took place; in the case of continuous, repeated or ongoing conduct, the notice must be provided within ten (10) business days of the date on which conduct occurred which led to the decision to take disciplinary action.

5. Meeting - If the student chooses to meet with the Director of Student Development & Athletics or designee, the meeting must occur no sooner than five (5) business days after the notice is provided. At the meeting, the student must again be told the facts leading to the accusation, and must be given an opportunity to respond verbally or in writing to the accusation.
 - a. Both the complainant and the accused student may be accompanied by an advisor to any meetings, interviews, or hearings. The advisor's role is to observe, provide counsel, or support the complainant or accused student. An advisor may not speak on behalf of the complainant or accused student or speak to the Director of Student Development & Athletics or designee. Advisors who do not comply with their role may be removed from the meeting, interview, or hearing.
6. Upon completion of the review meeting, the student shall have the right to the following:
 - a. Be provided a written list of findings by the Director of Student Development & Athletics or designee
 - b. Accept or deny responsibility
 - c. Have sanctions imposed, if found in violation of the Standards of Student Conduct
 - d. Request a hearing of the Disciplinary Hearing Panel should the student disagree with the finding(s) and sanction(s) of the Director of Student Development & Athletics or designee
 - e. Be informed of the appropriate policy and regulations, and procedures
 - f. Be informed of his/her right to request a copy of their student conduct file.
7. Students should be aware that the student conduct process is different from criminal and civil court proceedings. Procedures and rights in student conduct proceedings are conducted with fairness to all, but do not include the same protections of due process afforded by the courts. The standard used to determine whether a violation of the Standards of Student Conduct has occurred will be a preponderance of evidence (more likely than not). Due process within these procedures, assures timely written notice, a hearing before an objective decision-maker or panel (should one be requested) and a process for appeal.
8. Students continue to be subject to city, state, and federal laws while at Compton College and allegations, charges, or violations of those laws may also constitute violations of the Standards of Student Conduct. In such instances, Compton College may proceed with disciplinary action under the Standards of Student Conduct independently of any criminal proceeding involving the same conduct and may impose sanctions for violation of the Standards of Student Conduct even if such criminal proceeding is not yet resolved or is resolved in the student's favor.
9. No student will be found in violation of Compton College Standards of Student Conduct without information showing by preponderance of the evidence that a policy violation has occurred. At Compton College's sole discretion, sanctions will be proportionate to the severity of the violation(s).
10. If a student is found responsible for one or more violations of the Standards of Student Conduct, the student's prior conduct record will be taken into consideration and may result in progressive sanctions because of a pattern of behavior.

DETERMINATION OF SANCTIONS

The following factors may be considered in determining what sanctions are appropriate in a particular case. While sanctions are applied equitably and fairly, it is done so with consideration for the uniqueness of each individual case.

1. The nature and/or severity of the violation(s).
2. Prior violations and disciplinary history.
3. Mitigating circumstances surrounding the violation.
4. The student's motive or purpose for engaging in the behavior.
5. Sanctions which have been imposed in similar cases in the past.
6. The developmental and educational impact on the student

POSSIBLE SANCTIONS

Multiple sanctions may be imposed including, but not limited to:

1. **Sanctions for Academic Dishonesty**

Students found to be responsible for academic dishonesty may incur any of the below sanctions:

- a. The instructor may assign a failing grade to the examination or assignment in which the alleged cheating or plagiarism occurred
- b. The instructor may dismiss the student from the class or activity for the present and/or following class session(s)
- c. The instructor or the Division administrator may require a meeting with the instructor and/or the Administrator; and/or
- d. The instructor shall complete a Student Conduct Incident Report and Referral which a copy will be forwarded to the Division administrator and the Director of Student Development & Athletics or designee

OTHER SANCTIONS

1. **Written or Verbal Reprimand** – An admonition to the student to cease and desist from conduct determined to violate the Standards of Student Conduct. Written reprimands may become part of a student's permanent record at the College District. A record of the fact that a verbal reprimand has been given may become part of a student's record at the College District. 5
2. **Educational Sanctions** – An educational sanction may include additional work assignments, essays, community service, behavioral contract, administrative referral, or other related educational assignment.
3. **Probation** – A reprimand for violation of specified regulations. Probation is for a designated period of time and includes the probability of more severe disciplinary sanctions if the student is found to be in violation of any Standards of Student Code during the probationary period. It may include restriction from contact with specified individuals, College activities, services, offices, or designated areas. Probation shall not be imposed for a period longer than one (1) academic year.
4. **Restitution** – A payment to compensate an injured party for financial harm in cases involving misconduct including, but not limited to, theft, destruction of property, or deception.

5. **Removal from Class/Facility/College**

District Entity – Any instructor or Division administrator or designee may remove a student from the class, activity, office, department, or other educational forum for the day of the incident and one additional instructional day. The instructor or Division administrator or designee shall immediately report the removal to the Director of Student Development & Athletics or designee and his or her Division Dean. The student shall not be returned to the class during the period of the removal without the concurrence of the instructor.

6. **Withdrawal of Consent to Remain On-Campus**

– The College District's Police Department, may notify any person for whom there is a reasonable belief that the person has willfully disrupted the orderly operation of the campus, that consent to remain on-campus has been withdrawn. If the person is on-campus at the time, he or she must promptly leave or be escorted off-campus. If consent is withdrawn a written report must be promptly made to the President or designee.

7. The person from whom consent has been withdrawn may submit a written request for a hearing on the withdrawal within the period of the withdrawal. The request shall be granted not later than ten (10) business days from the date of the receipt of the request. The hearing will be conducted in accordance with the provisions of this administrative regulation relating to interim suspensions.
8. Any person as to whom consent to remain on-campus has been withdrawn who knowingly reenters the campus during the period in which consent has been withdrawn, except to come for a meeting or hearing, is subject to arrest. (Penal Code Section 626.4)
9. **No Contact Order** – An issuance that there should be no personal or interpersonal contact or communication between involved parties. This includes verbal and non- verbal communication.
10. **Short-Term Suspension** – Exclusion of the student by the Director of Student Development & Athletics or designee for good cause from one or more classes and/or from all activities of the College District for a period of up to ten (10) consecutive days of instruction.

11. Within five (5) business days after the student meets with the Director of Student Development & Athletics or designee, the Director of Student Development & Athletics or designee shall decide whether to impose a short-term suspension, whether to impose some lesser sanction, or whether to end the matter. Written notice of the Director or designee's decision shall be provided to the student. The notice will include the length of time of the suspension or the nature of the lesser sanction. The Director of Student Development & Athletics or designee's decision on a short-term suspension shall be final.
12. **Long-Term Suspension** – Exclusion of the student by the Director of Student Development & Athletics or designee for good cause from one or more classes for the remainder of the school term and/or from all classes and activities of the College District for the remainder of the current term with a maximum of two (2) academic years.
13. Within five (5) business days after the student meets with the President/CEO or designee, the Director of Student Development & Athletics or designee shall, pursuant to a recommendation from the Director of Student Development & Athletics or designee, decide whether to impose a long-term suspension. Written notice of the President or designee's decision shall be provided to the student. The notice will include the right of the student to request a formal hearing before a long-term suspension is imposed, and a copy of this policy describing the procedures for a hearing.
14. Students who receive long-term suspensions are permitted on-campus to conduct student business, but must receive permission from the Director of Student Development & Athletics or designee prior to coming to campus and must check-in with the College District's Police Department to obtain a police escort while on-campus.

EXPULSION

Expulsion is the permanent separation of a student from Compton College by action of the Board of Trustees for good cause when other means of correction fail to bring about appropriate conduct, or when the presence of the student causes a continuing danger to the safety of others. The student is prohibited from College District property, functions, events, and activities. Permanent notification will appear on student's Compton College official transcript.

Within ten (10) business days after the student meets with the Director of Student Development & Athletics or designee, the Director of Student Development & Athletics or designee shall decide whether to recommend expulsion to the Board of Trustees. Written notice of the Director or designee's decision shall be provided to the student. The notice will include the right of the student to request a formal hearing before expulsion is imposed, and a copy of this policy describing the procedures for a disciplinary hearing.

DISCIPLINARY HEARING PROCEDURES

1. Request for Disciplinary Hearing Within five (5) business days after the receipt of the Director of Student Development & Athletics or designee's decision regarding a long-term suspension or expulsion, the student may request a formal hearing. The request must be made in writing to the Director of Student Development & Athletics or designee.
2. **Schedule of Disciplinary Hearing**
 - a. The formal hearing shall be held no sooner than ten (10) to twenty (20) business days after a formal request for hearing is received by the Student Development Office (R61).
 - b. The Vice President of Student Services or designee will inform the student of the hearing date and time by certified mail, return receipt requested, email to his or her Compton College issued email account, with delivery notification and or in person with signature verification of receipt at least five (5) business days prior to the hearing date. The notice will enclose a description of the procedures to be followed at the hearing.
 - c. The student and the College have the right to receive copies of all documents that are to be presented to the Disciplinary Hearing Panel.
 - d. The Disciplinary Hearing Chair shall provide the student copies of all documents to be presented to the panel. The Chair shall make such documents available to the student as soon as practical before the hearing but not less than two (2) business days before the hearing.
 - e. If the student intends to present any documents to the Disciplinary Hearing Panel he or she shall provide copies of the same to the Disciplinary Hearing Chair no less than two (2) business days prior to the hearing.

- f. If a student who has been given notice does not appear for the hearing, the information in support of the alleged violation(s) will be presented and considered in the student's absence. A student will be considered absent fifteen (15) minutes after the time the hearing was scheduled to convene.
3. **Disciplinary Hearing Panel**
- a. The Hearing Panel shall consist of the Vice President of Student Services or designee as the Disciplinary Hearing Chair and one representative from each of the following groups: (1) Academic Senate; (2) Classified Employees; (3) Associated Student Organization; and (4) College Administrators which may include College supervisors.
 - b. An affirmative vote of three members of the Disciplinary Hearing Panel shall be required to determine responsibility and sanctions.
 - c. The President/CEO or designee, the president of the Academic Senate or designee, the president of the Compton Community College Federation of Employees Classified Unit or designee, and the president of the Associated Student Body or designee shall each, at the beginning of the academic year, establish a list of at least five (5) persons who will serve on the Student Disciplinary Hearing panels. The President/CEO or designee shall appoint the hearing panel from the names on these lists. However, no administrator, faculty member, classified staff member, or student who has any personal involvement in the matter to be decided, who is a necessary witness, or who could not otherwise act in a neutral manner shall serve on a Disciplinary Hearing Panel.
4. Disciplinary Hearing Panel Chair The decision of the Chair of the Disciplinary Hearing Panel shall be final on all matters relating to the conduct of the hearing unless there is a vote by other members of the panel to the contrary.

CONDUCT OF THE DISCIPLINARY HEARING

All hearings shall be held in closed session and are confidential - they are not open to the public.

1. The members of the disciplinary hearing panel shall be provided with a copy of the complaint(s) against the student and any written response provided by the student before the hearing begins.
2. The facts supporting the accusation shall be presented by a College representative who shall be the Director of Student Development & Athletics or designee.
3. The College representative and the student may call witnesses and introduce oral and written testimony relevant to the issues of the matter.
4. Formal rules of evidence shall not apply. The standard of proof for Student Disciplinary Hearings will be a preponderance of evidence.
5. Unless the disciplinary hearing panel determines to proceed otherwise, the College representative and the student shall each be permitted to make an opening statement. Thereafter, the College representative shall make the first presentation, followed by the student. The College representative may present rebuttal evidence after the student completes his or her evidence. The burden shall be on the College representative to prove by preponderance of evidence that the facts alleged are true.
6. The student has the right to be assisted in the hearing by an advisor. The advisor may provide counsel or support to the student, but are not permitted to speak to the panel or participate directly in the hearing. Advisors who do not observe this restriction can be removed from the hearing by the Chair of the Disciplinary Hearing Panel.
7. If the student is a minor, the student's parent(s) or legal guardian must accompany him or her to the disciplinary hearing and may act on his or her behalf.
8. Witnesses shall not be present at the hearing when not testifying.
9. The student and the Vice President of Student Services or designee may arrange for witnesses to present pertinent information to the Disciplinary Hearing Panel. Witnesses will provide information to and answer questions from the Disciplinary Hearing Panelists. All questions and responses are to be directed to the Panel, preferably the Chair, not between witnesses, complainant, and accused student.

10. If the complainant is unable to attend the hearing, his or her written statement will stand as his or her testimony.
 11. The student and his or her advisor, if any, will be allowed to attend the entire portion of the hearing at which information is received, excluding deliberations of responsibility or sanctioning.
 12. Should a student have an attorney present to advise him or her, the student must notify the Vice President of Student Services or designee in writing at least five (5) business days prior to the Disciplinary Hearing of his or her intent to bring an attorney.
 - a. The student discipline process is an administrative process, not a court-like trial or proceeding. Attorneys are allowed to serve as advisors in meetings, interviews, or hearings but may not speak on behalf of the complainant or accused student or speak to the Vice President of Student Services or designee during the meeting, interview, or hearing. If complainants or accused students bring an attorney to a meeting, interview, or hearing, College personnel may request legal assistance.
 13. In hearings involving more than one student in the same situation, the Vice President of Student Services or designee may permit the hearings concerning each student to be conducted jointly.
 14. Supporting documentation, including pertinent records, exhibits and written statements may be accepted as information for consideration at the discretion of the Chair. Prior student conduct violations may be considered in a hearing and for determination of sanctions.
 15. Questions of whether potential information will be received will be resolved at the discretion of the Chair. All procedural questions are subject to the final decision of the Chair.
 16. The Panel will determine whether the student is responsible for violating each section of the Standards of Student Conduct which the student is accused of violating. The Panel's determination will be made on the basis of whether it is more likely than not (preponderance of evidence) that the student violated the Standards of Student Code. The Panel will then determine what sanctions they deem appropriate for such violations.
 17. Hearings (excluding deliberations) will be audio-recorded and made a part of the student's conduct file.
 18. The Chair will prepare a written report detailing the finding, the vote, the information cited by the Panel in support of its findings and any information the Panel excluded and why, concluding with any recommended sanctions. The Chair will forward this document to the Director of Student Development & Athletics or designee within five (5) business days upon the conclusion of the hearing.
- Additionally:**
1. Complainants are to be notified when written notice of the allegation/hearing is delivered to the accused student.
 2. All parties to an allegation have a right not to face questions or discussion of their history or character unless the Hearing Panel Chair determines that such information is highly relevant to determining whether the policy has been violated.
 3. Each party has the right to be present for all testimony and questioning. However, if requested, the Hearing Panel must make arrangements so that the complainant and accused are not in the same room at the same time.
 4. The College must not require a complainant to be present as a prerequisite for the hearing to proceed or sanctions imposed.
 5. Neither party is allowed to cross-examine each other or witnesses. All questions must be submitted to the Hearing Panel Chair.
 6. Both parties have the right to appeal the decision of the panel.
 7. The hearing shall be recorded by the College District by tape recording, and shall be the only recording made. No witness who refuses to be recorded may be permitted to give testimony. In the event the recording is by tape recording, the Hearing Panel Chair shall, at the beginning of the hearing, ask each person present to identify themselves by name, and thereafter shall ask witnesses to identify themselves by name. The tape recording shall remain in the custody of the College District at all times, unless released to a professional transcribing service. The student may request a copy of the tape recording.

SPECIAL PROVISIONS FOR SEXUAL AND GENDER-BASED MISCONDUCT

Cases of alleged sexual and gender-based misconduct as defined in Board Policy 3540 and Administrative Regulation 3540 will be directed to the Title IX Coordinator for review and investigation. The Title IX Coordinator will work in coordination with the Director of Student Development & Athletics or designee to address any violations to the Standards of Student Conduct that are in addition to the allegations of sexual and/or gender-based misconduct as outlined below.

Sexual and gender-based misconduct includes, but is not limited to:

1. Bullying
2. Dating Violence
3. Discrimination
4. Domestic Violence
5. Intimidation
6. Retaliation
7. Sexual Assault
 - a. Non-consensual sexual contact
 - b. Non-consensual sexual intercourse
8. Sexual Exploitation
9. Sexual Harassment
 - a. Hostile environment caused by sexual harassment
10. Stalking
11. Threatening or causing abuse including physical and verbal
12. Violence between those in intimate/dating relationships to each other

NOTICE OF THE DECISION

The Vice President of Student Services or designee shall provide the student written notice of the final resolution of charged violation(s). The written notice shall be sent to the student by certified mail, return receipt requested, or receipted for personal delivery or via Compton College issued email account with delivery notification, within five (5) business days of the written findings and decision of the Student Disciplinary Hearing Panel. In cases alleging gender-based or sexual misconduct, the complainant will receive comparable notice of the relevant findings and sanctions from the Title IX Coordinator or designee.

1. The written notice to the student shall include:
 - a. The specific provision of the Standards of Student Conduct that was violated.
 - b. The sanction(s) imposed and the date(s) on or periods for which they are in effect.
 - c. A statement of the student's right to appeal in writing to the President/CEO.
 - d. A statement that the failure to file a request for such an appeal within the time provided shall be deemed a waiver of the right to an appeal.

APPEALS TO THE PRESIDENT/CEO OR DESIGNEE

An appeal to the President/CEO or designee as a result of a Student Disciplinary Hearing Panel may be filed on the following grounds:

1. Proper procedures were not followed
2. There is new relevant evidence not reasonably available at the time of the hearing or the imposition of the sanction(s)
3. The evidence does not clearly support the finding(s)
4. The sanctions are inappropriate relative to the violation
5. Discrimination as defined in Board Policy 3410 and Administrative Regulation 3410

In cases alleging a violation of gender-based or sexual misconduct, both the accused student and the complainant have the right to appeal the findings of responsibility and/or sanctions based on the above criteria.

An appeal must be submitted in writing to the President/CEO or designee within five (5) business days of receiving written notification of the hearing decision. The President/CEO or designee will review the appeal and the hearing findings and may make a decision to uphold, reverse, revise, or modify the decision and sanctions imposed on the student.

The President/CEO or designee will notify the student in writing by certified mail, with registered receipt, or via Compton College issued e-mail account with delivery notification within ten (10) business days following receipt of the request for appeal of his or her decision.

The decision of the President/CEO or designee shall be final, except in the case of expulsion.

PROCEDURES FOR EXPULSION

The Board of Trustees is authorized to expel a student for good cause when other means of correction fail to bring about proper conduct or when the presence of the student causes a continuing danger to the physical safety of others. The notice of expulsion will be sent to the student with copies to the student file, Director of Student Development & Athletics or designee, Vice President of Student Services or designee, Director of Admissions & Records or designee, President/CEO or designee, and College District's Police Department. In the event the Vice President of Student Services or designee has determined that he or she will seek a student's expulsion, the following procedures will be followed:

1. **Recommendation for Expulsion:**
 - a. If the Vice President of Student Services or designee determines that the student should be expelled, he or she shall deliver a written recommendation for the student's expulsion to the President/CEO. A copy of the Vice President of Student Services or designee's recommendation shall be provided to the student or, if the student is a minor, to his or her parent or guardian. The Vice President of Student Services or designee's recommendation for expulsion shall contain a statement of the charges against the student that provide the basis for his or her request that the student be expelled, including a factual description of the conduct upon which the charges are based, the action(s) taken by the Student Conduct Administrator and the recommendation of the Student Disciplinary Hearing Panel.
 - b. The Board of Trustees shall consider any recommendation from the President/CEO for expulsion at the next regularly scheduled meeting of the Board of Trustees after receipt of the recommended decision. The Board shall consider any expulsion recommendation in closed session, unless the student has requested that the matter be considered in a public meeting in accordance with these procedures (Education Code Section 72122).
 - c. The student shall be notified in writing, by registered or certified mail, by personal service, or via Compton College issued e-mail account with delivery notification at least five (5) business days prior to the meeting, of the date, time, and place of the Board of Trustees' meeting. The student may, within forty-eight hours (48) after receipt of the notice, request that the hearing be held as a public meeting. Even if a student has requested that the Board consider an expulsion recommendation in a public meeting, the Board will hold any discussion that might be in conflict with the right to privacy of any student other than the student requesting the public meeting in a closed session.
 - d. The Board may accept, modify, or reject the findings, decisions, and recommendations of the President/CEO. If the Board modifies or rejects the decision, the Board shall review the record of the hearing, and shall prepare a new written decision which contains specific factual findings and conclusions. The decision of the Board shall be final. The final action of the Board on the expulsion shall be taken at a public meeting and the result of the action shall be a public record of the College District.
 - e. The Vice President of Student Services or designee shall notify the student in writing 14 within five (5) business days of the decision made by the Board of Trustees. The decision of the Board of Trustees shall be final.
 - f. The final action by the Board of Trustees on the expulsion shall be taken at the public meeting, and the result of the action shall be a public record of the District.

GENERAL PROVISIONS

1. **Failure of Student to Participate**
Student conduct procedures under this policy may proceed or continue notwithstanding the failure or refusal of a student to respond, attend, or otherwise participate after having been properly notified of the proceeding as provided herein.
2. **Technical Departures from this Policy**
Technical departures from this policy shall not be grounds to void the District's right to take disciplinary action against a student; unless the technical departure or error prevented a fair determination of the issue.
3. **Time Limits**
Any times specified in this administrative procedure may be shortened or lengthened if there is mutual concurrence by all parties.

Notice of Non-Discrimination

Compton Community College District is committed to equal opportunity in educational programs, employment, and all access to institutional programs and activities.

The District, and each individual who represents the District, shall provide access to its services, classes, and programs without regard to national origin, religion, age, gender, gender identity, gender expression, race or ethnicity, color, medical condition, genetic information, ancestry, sexual orientation, marital status, physical or mental disability, pregnancy, or military and veteran status, or because he/she is perceived to have one or more of the foregoing characteristics, or based on association with a person or group with one or more of these actual or perceived characteristics.

The Compton Community College District has identified the Vice President of Human Resources to the State Chancellor's Office and to the public as the single District officer responsible for receiving all unlawful discrimination complaints filed pursuant to Title 5, section 59328 of the California Code of Regulations 1, and for coordinating their investigation. The District has also identified the Vice President of Human Resources as the District's Title IX Coordinator whom the District has appointed to coordinate its efforts to comply with and carry out its responsibilities under Title IX of the Education Amendments of 1972 and its regulations. Students, including students of Compton College, employees, and others affiliated with the District may use the procedures described herein to make a complaint of noncompliance with Title IX.

Applicable Administrative Regulations:

- AR 3410 - Nondiscrimination
- AR 3435 - Discrimination and Harassment Complaints and Investigations

Unlawful Discrimination Complaints

The College affirms its policy to provide an educational and employment environment in which no person shall be unlawfully denied admission, access or benefit to, nor employment in any program or activity that is administered, funded directly by, or that receives any financial assistance from the State Chancellor or Board of Governors of the California Community Colleges on the basis of race, color, national origin, sex (including sexual harassment), gender, disability, and age as required by Title VI, Title IX, Section 504, the Age Discrimination Act. Students or employees with questions, concerns or complaints of unlawful discrimination may contact and/or file a complaint with these offices.

Students and employees may file an official complaint with the appropriate offices or agencies to initiate a Compton College discrimination investigation:

- **Compton College responsible District officer and Title IX Coordinator:**
Rachelle Sasser,
Vice President, Human Resources
C-38
310-900-1600, ext. 2140
(Students/Employees)
- **California Community Colleges System Office**
Attention: Legal Affairs Division
1102 Q Street, Sacramento, CA 95814-6511
(Students/Employees)
- **U.S. Department of Education, Office for Civil Rights,**
50 Beale Street, Suite 7200
San Francisco, CA 94105
(Students)
- **California Department of Fair Employment and Housing**
611 W. Sixth Street, Suite 1500
Los Angeles, CA 90017
(Employees)
- **U.S. Equal Employment Opportunity Commission**
255 E. Temple Street, 4th Floor,
Los Angeles, CA 90012
(Employees)

Prohibition of Harassment

AR 3430

The District is committed to providing an academic and work environment free of unlawful harassment. This procedure defines sexual harassment and other forms of harassment on campus, and sets forth a procedure for the investigation and resolution of complaints of harassment by or against any staff or faculty member or student within the District.

This procedure and the related policy protects students, employees, unpaid interns, and volunteers in connection with all the academic, educational, extracurricular, athletic, and other programs of the District, whether those programs take place in the District's facilities, District vehicles, or at a class or training program sponsored by the District at another location.

References:

Education Code Sections 212.5, 44100, and 66281.5; Government Code Section 12940;

Title 2 Sections 10500 et seq.;

Title IX, Education Amendments of 1972; Title 5 Sections 59320 et seq.;

Title VII of the Civil Rights Act of 1964, 42 U.S. Code Annotated Section 2000e

Reporting of Crimes

Board Policy 3515

The Chief Executive Officer (CEO) shall assure that, as required by law, reports are prepared of all occurrences reported to campus police of and arrests for crimes committed on campus that involve violence, hate violence, theft or destruction of property, illegal drugs, or alcohol intoxication. The CEO shall further assure that required reports of non-criminal acts of hate violence are prepared. Such reports shall be made available as required by law. The crime report information required by PL 101-542 & PL 102-26 will be collected and distributed annually.

Annual Security Report

In accordance with the requirements of the Jeanne Clery Disclosure of Campus Security Policy and Crimes Statistics Act, Compton College is required to publish and distribute an annual security report containing campus security policies and procedures as well as campus crime statistics. The security report will include data on arrests and crimes committed on campus or at campus-sponsored events. In addition, other information related to reporting crimes or suspicious behavior; describing campus security and crime prevention programs and materials; and the College's substance abuse education program will be included for distribution. Information is available on the College website: www.compton.edu/adminandoperations/campuspolice/CampusSecurityStatistics.aspx. These materials will be distributed annually to all employees and students, and be available upon request to applicants for enrollment or employment.



COMPTON COLLEGE DEGREES AND CERTIFICATES BY GUIDED PATHWAY DIVISION

Program of Study	Transfer Degree	Associate Degree	Certificate of Achievement	Certificate of Accomplishment
Business and Industrial Studies				
Air Conditioning and Refrigeration		AS		
Air Conditioning			X	
Air Conditioning and Refrigeration Electric Controls			X	
Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration			X	
Refrigeration			X	
Automotive Collision Repair/Painting		AS		
Automotive Collision Repair			X	
Automotive Collision Repair/Painting: Damage Estimating				X
Automotive Painting and Refinishing			X	
Automotive Collision Investigation				X
Automotive Accident Reconstruction				X
Automotive Technology		AS		
Automotive Brakes/Suspension Transmission/Drive Train Technician			X	
Automotive Engine Rebuilding and Repair Technician			X	X
Automotive Technician I			X	
Automotive Technician II			X	
Automotive Tune-Up Technician			X	
Automotive Air Conditioning Technician				X
Automotive Brakes and Suspension Technician				X
Automotive Transmission and Drive Train Technician				X
Business				
Business Administration	AS-T			
Business Management		AS	X	
Business Marketing		AS	X	
Retail Management			X	
Computer Information Systems		AS		
Computer Systems Applications			X	
Cosmetology		AS		
Cosmetology Level II			X	
Cosmetology Level I				X
Machine Tool Technology				
Machinist Option		AS	X	
Numerical Control Programmer Option		AS	X	
CNC Machine Operator			X	
Welding		AS	X	
Fine Arts, Communication and Humanities				
Communications Studies	AA-T			
English	AA-T			
Ethnic Studies				
African American Studies Option		AA		
American Cultures Option		AA		
Chicano Studies Option		AA		

Program of Study	Transfer Degree	Associate Degree	Certificate of Achievement	Certificate of Accomplishment
General Studies				
Arts and Humanities Emphasis		AA		
Culture and Communications Emphasis		AA		
Fine and Applied Arts Emphasis		AA		
Music		AA		
Commercial Music			X	
Spanish	AA-T			
Studio Arts	AA-T			
Transfer Studies				
CSU General Education – Breadth			X	
Intersegmental General Education Transfer Curriculum (IGETC)			X	
Health and Public Services				
Administration of Justice	AS-T		X	
General Studies				
Kinesiology and Wellness Emphasis		AA		
Nursing		AS		
Upward Mobility Option		AS		
Physical Education				
Kinesiology	AA-T			
Fitness Trainer				X
Science, Technology, Engineering, and Math (STEM)				
General Sciences		AS		
General Studies				
Biological and Physical Sciences Emphasis		AA		
Mathematics	AS-T			
Physical Sciences		AS		
Physics	AS-T			
Social Sciences				
Child Development		AA		
Early Childhood Education	AS-T		X	
Early Intervention Assistant			X	
Special Education Assistant			X	
General Studies				
Social and Behavioral Sciences Emphasis		AA		
History	AA-T			
Liberal Studies				
Teacher Preparation Option		AA		
Elementary Teacher Education	AA-T			
Political Sciences	AA-T			
Psychology	AA-T			
Sociology	AA-T			

COURSE FAMILIES

PHYSICAL EDUCATION PROGRAM COURSE FAMILIES			
Cardiorespiratory Training Family	PE 102 – Walking for Fitness PE 122 – Cardio Fitness and Body Sculpting	Racquet Sports Family	PE 134 – Badminton
Cardiorespiratory Training Family	PE 118 – Beginning Boxing PE 119 – Intermediate Boxing	Resistance Training Family	PE 125 – Weight Training PE 138 – Circuit Training
Cardiorespiratory Training Family	PE 103 – Boot Camp Fitness Training PE 110 – Body Conditioning and Physical Fitness	Yoga Family	PE 127 – Yoga for Health and Fitness PE 128 – Power Vinyasa Yoga
Cardiorespiratory Training Family	PE 104 – Basketball PE 107 – Baseball PE 130 – Beginning Soccer PE 131 – Intermediate Soccer PE 113 – Volleyball PE 255 – Beach Volleyball		
ART PROGRAM COURSE FAMILIES			
Drawing Family	Art 110 – Drawing Fundamentals I Art 210 – Drawing Fundamentals II	Painting Family	Art 222 – Fundamentals of Painting I Art 223A – Fundamentals of Painting II Art 223B – Fundamentals of Painting III
Two-Dimensional Design Family	Art 130 – Two-Dimensional Design I Art 230 – Two-Dimensional Design II	Watercolor Family	Art 219 – Watercolor Painting I Art 220 – Watercolor Painting II
DANCE PROGRAM COURSE FAMILIES			
Ballet Family	Dance 120A – Beginning Ballet A Dance 120B – Beginning Ballet B Dance 220A – Intermediate Ballet A Dance 220B – Intermediate Ballet B	Social Dance Family	Dance 168 – Latin Social Dance
Choreography Family	Dance 171A – Beginning Choreography A Dance 171B – Beginning Choreography B	Tap Dance Family	Dance 161 – Tap Dance I – Beginning
Jazz Dance Family	Dance 140 – Jazz Dance I Dance 240 – Jazz Dance II	World Dance	Dance 164 – World Dance Dance 165 – African Dance
Modern Dance Family	Dance 130A – Beginning Modern Dance A Dance 130B – Beginning Modern Dance B Dance 230A – Intermediate Modern Dance A Dance 230B – Intermediate Modern Dance B	Family	
MUSIC PROGRAM COURSE FAMILIES			
Audition Preparation Family	Music 232 – Advanced Piano Music 290 – Intermediate Applied Music/Individual Lessons	Large Ensemble Family	Music 265 – Symphonic Band Music 268 – Symphony Orchestra
Beginning Instrument Family	Music 143 – Beginning Woodwind Instruments Music 144 – Beginning Brass Instruments Music 145 – Beginning Percussion Instruments Music 146 – Beginning String Instruments	Piano Family	Music 131A – Beginning Piano I Music 131B – Beginning Piano II Music 231A – Intermediate Piano I Music 231B – Intermediate Piano II
Choral Ensemble Family	Music 152 – Concert Choir	Small Ensembles Family	Music 260 – Woodwind Ensembles Music 261 – Brass Ensembles Music 262 – Percussion Ensembles Music 264 – String Ensembles
Guitar Family	Music 147A – Beginning Guitar Music 147B – Beginning Guitar II Music 247 – Intermediate Guitar	Voice Family	Music 120 – Voice Class I Music 220 – Voice Class II
Jazz Large Ensemble Family	Music 266 – Studio Jazz Band Music 267 – Concert Jazz Band		
THEATRE PROGRAM COURSE FAMILIES			
Acting Family	Theatre 113 – Introduction to Acting Theatre 114 – Fundamentals of Acting Theatre 217 – Intermediate Acting		

Associate of Arts Degree

A.A. Degree Requirements

Section A - General Education Requirements

A student has three options to complete the General Education Requirements.

OPTION I is designed for students completing the Compton College major.

OPTION II is designed for students completing CSU GE Breadth transfer requirements.

OPTION III is designed for students completing CSU/UC (IGETC) transfer requirements.

OPTION I: COMPTON COLLEGE REQUIREMENTS

Complete the specified number of units in categories 1 through 5 and the mathematics competency requirement in category 6.

1. NATURAL SCIENCES:

minimum 3 semester units

Anatomy 130, 132

Anatomy and Physiology 134, 135

Anthropology 101

Astronomy 120, 120H, 125, 125H, 128

Biology 100, 100H, 101, 101H, 102, 102H, 103, 115, 117, 118

Chemistry 102, 104, 120, 122, 150, 152, 210, 212

Geography 101, 106, 107, 109

Geology 101, 102, 103, 104, 106, 115

Microbiology 133

Physical Science 125

Physics 111, 112, 120, 122, 150, 152, 250, 252

Physiology 131

Psychology 107

2. SOCIAL AND BEHAVIORAL SCIENCE:

minimum 9 semester units

One course from A, one course from B, and one course from C:

A. History 101, 101H, 102, 102H, 105, 106, 108, 110, 111, 112, 122, 122H, 128

Women's Studies 101

B. Political Science 101, 101H, 105, 106, 107

C. Anthropology 102, 103, 104, 106, 107, 108, 109, 111, 112

Business 122

Child Development 103, 104

Communication Studies 260, , 270

Economics 101, 101H, 102, 105

Ethnic Studies 101, 103, 105

Geography 102, 105, 107

History 129, 140, 141, 145, 152, 154, 175, 176, 183, 184

Journalism 112

Political Science 102, 103, 107, 110, 110H

Psychology 101, 101H, 102, 107, 108, 110, 112, 115, 116

Sociology 101, 101H, 102, 104, 107, 108, 112

3. HUMANITIES: minimum 3 semester units

Art 101, 102, , 103, 104, 109, 207, 209

Communication Studies 250

Dance 101, 103

English 102, 102H, 120, 150, 152, 200, 227, 228, 238, 239, 240, 241, 242, 243, 244, 248

Film/Video 110, 113

Humanities 101

Japanese 101, 102

Music 101, 111, 112, , 113, 116, 215A, 215B

Philosophy 101, 101H, 103, 111, 112, 115

Political Science 107

Sign Language/Interpreter Training 111, 112, 113, 114, 115, 130, 131

Spanish 101, 101H, 102, 103, 104, 105, 106, 152, 153

Theatre 103, 104, 113



4. LANGUAGE AND RATIONALITY:

minimum 6 semester units
One course from A and one course from B:

A. English Composition:

minimum 3 semester units

Business 127, 128

English 101, 101H

Journalism 101

B. Communication and Analytical Thinking:

minimum 3 semester units

Business 129

Communication Studies 100, 120, 130, 140,
260, 270

Computer Information Systems 113, 160, 180

English 102, 102H, 103, 103H

Journalism 112

Mathematics 73, 80, 110, 111, 115, 116, 120,
130, 140, 150, 150H, 165, 170, 180, 190, 191,
210, 220, 270

Philosophy 105, 105H, 106

Psychology 120

Sociology 120

5. HEALTH AND PHYSICAL EDUCATION:

minimum 3 semester units

Contemporary Health 101, 105

Human Development 110, 115

Nutrition and Foods 110

Psychology 102, 116

Physical Education 260

Physical Activity or Fitness Courses:

Dance 110, 120A, 120B, 130A, 130B, 140, 161, 162,
164, 165, 168, 171A, 220A, 230A, 240, 250, 262

Physical Education 102, 103, 104, 107, 110, 113,
118, 119, 122, 125, 127, 128, 130, 131, 134, 138, 150,
154, 155, 158, 159, 162, 163, 164, 165, 167, 168, 170,
171, 174, 175, 177, 178, 180, 181, 183, 184, 186, 187,
275, 280

(This category may be exempted by one of the following:

1) Pass the Contemporary Health waiver exam; or

2) Approval of a petition for military service credit.)

6. MATHEMATICS COMPETENCY

Pass the Mathematics Competency Test (a process separate from mathematics placement), which covers intermediate algebra, or satisfactorily complete one of the approved courses for this category.

Mathematics 73, 80, 110, 111, 115, 116, 120,
130, 140, 150, 150H, 165, 170, 180, 190, 191, 210,
220, 270

Psychology 120

Sociology 120

OPTION II: CSU GE BREADTH TRANSFER REQUIREMENTS

See pages 64-66 of this catalog.

OPTION III: CSU/UC (IGETC) TRANSFER REQUIREMENTS

See pages 67-60 of this catalog.

Section B - Major Requirements

Satisfy either the Compton College Major option or the Transfer Major option.

Compton College Major

Complete the courses specified for one of the majors listed alphabetically in the Course Descriptions section of this college catalog.

Transfer Major

Complete the lower division transfer major requirements for an accredited four-year college or university. If there are no lower division requirements in the transfer major or if the requirements for the transfer major are less than 18 units, students must complete a Compton College major.

Section C - Electives**Compton College Major**

To reach the total of 60 degree applicable units required for graduation, students must choose electives from degree applicable courses. Students may count only six units of physical education as elective credit for graduation.

Transfer Major

Sixty degree applicable units are required for graduation. To qualify for transfer to CSU or UC, electives must be chosen from transferable courses. Students may count only four units of physical education as transfer credit.

Associate of Science Degree

A.S. Degree Requirements

Section A - General Education Requirements

A student has three options to complete the General Education Requirements.

OPTION I is designed for students completing the Compton major.

OPTION II is designed for students completing CSU GE Breadth transfer requirements.

OPTION III is designed for students completing CSU/UC (IGETC) transfer requirements.

OPTION I: COMPTON COLLEGE REQUIREMENTS
Complete the specified number of units in categories 1 through 5 and the mathematics competency requirement in category 6.

1. NATURAL SCIENCES:

minimum 3 semester units

Anatomy 130, 132

Anatomy and Physiology 134, 135

Anthropology 101

Astronomy 120, 120H, 125, 125H, 128

Biology 100, 100H, 101, 101H, 102, 102H, 103, 115, 117, 118

Chemistry 102, 104, 120, 122, 150, 152, 210, 212

Geography 101, 106, 107, 109

Geology 101, 102, 103, 104, 106, 115

Microbiology 133

Physical Science 125

Physics 111, 112, 120, 122, 150, 152, 250, 252

Physiology 131

Psychology 107

2. SOCIAL AND BEHAVIORAL SCIENCE:

minimum 3 semester units

One course from A or B, or C:

A. History 101, 101H, 102, 102H, 105, 106, 108, 110, 111, 112, 122, 122H, 128

Women's Studies 101

B. Political Science 101, 101H, 105, 106, 107

C. Anthropology 102, 103, 104, 106, 107, 108, 109, 111, 112

Business 122

Child Development 103, 104

Communication Studies 260, 270

Economics 101, 101H, 102, 105

Ethnic Studies 101, 103, 105

Geography 102, 105, 107

History 129, 140, 141, 145, 152, 154, 175, 176, 183, 184

Journalism 112

Political Science 102, 103, 107, 110, 110H

Psychology 101, 101H, 102, 107, 108, 110, 112, 115, 116

Sociology 101, 101H, 102, 104, 107, 108, 112

3. HUMANITIES: minimum 3 semester units

Art 101, 102, , 103, 104, 109, 207, 209

Communication Studies 250

Dance 101, 103

English 102, 102H, 120, 150, 152, 200, 227, 228, 238, 239, 240, 241, 242, 243, 244, 248

Film/Video 110, 113

Humanities 101

Japanese 101, 102

Music 101, 111, 112, 113, 116, 215A, 215B

Philosophy 101, 101H, 103, 111, 112, 115

Political Science 107

Sign Language/Interpreter Training 111, 112, 113, 114, 115, 130, 131

Spanish 101, 101H, 102, 103, 104, 105, 106, 152, 153

Theatre 103, 104, 113

4. LANGUAGE AND RATIONALITY:

minimum 6 semester units
One course from A and one course from B:

A. English Composition:

minimum 3 semester units

Business 127, 128

English 101, 101H

Journalism 101

B. Communication and Analytical Thinking:

minimum 3 semester units

Business 129

Communication Studies 100, 120, 130, 140,
260, 270

Computer Information Systems 113, 160, 180

English 102, 102H, 103, 103H

Journalism 112

Mathematics 73, 80, 110, 111, 115, 116, 120,
130, 140, 150, 150H, 165, 170, 180, 190, 191,
210, 220, 270

Philosophy 105, 105H, 106

Psychology 120

Sociology 120

5. HEALTH AND PHYSICAL EDUCATION:

minimum 3 semester units

Contemporary Health 101, 105

Human Development 110, 115

Nutrition and Foods 110

Psychology 102, 116

Physical Education 260

Physical Activity or Fitness Courses:

Dance 110, 120A, 120B, 130A, 130B, 140, 161,
162, 164, 165, 168, 171A, 220A, 230A, 240,
250, 262,

Physical Education 102, 103, 104, 107, 110,
113, 118, 119, 122, 125, 127, 128, 130, 131, 134,
138, 150, 154, 155, 158, 159, 162, 163, 164, 165,
167, 168, 170, 171, 174, 175, 177, 178, 180, 181,
183, 184, 186, 187, 275, 280

(This category may be exempted by one of the following: 1) Pass the Contemporary Health waiver exam; or 2) Approval of a petition for military service credit; or 3) Completion of Nursing 151 and 155.)

6. MATHEMATICS COMPETENCY

Pass the Mathematics Competency Test (a process separate from mathematics placement), which covers intermediate algebra, or satisfactorily complete one of the approved courses for this category.

Mathematics 73, 80, 110, 111, 115, 116, 120,
130, 140, 150, 150H, 165, 170, 180, 190, 191,
210, 220, 270

Psychology 120

Sociology 120

OPTION II: CSU GE BREADTH TRANSFER REQUIREMENTS

See pages 65-66 of this catalog.

OPTION III: CSU/UC (IGETC) TRANSFER REQUIREMENTS

See pages 67-68 of this catalog.

Section B - Major Requirements

Satisfy either the Compton College Major option or the Transfer Major option.

Compton College Major

Complete the courses specified for one of the majors listed alphabetically in the Course Descriptions section of the catalog that begins on page 121.

Transfer Major

Complete the lower division transfer major requirements for an accredited four-year college or university. If there are no lower division requirements in the transfer major or if the requirements for the transfer major are less than 18 units, students must complete an Compton major.

Section C - Electives**Compton College Major**

To reach the total of 60 degree applicable units required for graduation, students must choose electives from degree applicable courses. Students may count only six units of physical education as elective credit for graduation.

Transfer Major

Sixty degree applicable units are required for graduation. To qualify for transfer to CSU or UC, electives must be chosen from transferable courses. Students may count only four units of physical education as transfer credit.

Articulation/Transfer Patterns

Preparation for Transfer

Students who intend to transfer to a four-year college or university must complete minimum admission requirements at the community college prior to transferring. Requirements vary among institutions. Therefore, students should become familiar with the courses for 1) general education, 2) major preparation, 3) admission requirements to meet minimum eligibility and selective majors, and 4) Grade Point Average (GPA).

Admission requirements may change from year to year. It is to the student's advantage to select a transfer institution as early as possible and meet with an academic counselor, transfer center adviser, the university representative, and/or articulation officer for updated information. Students are encouraged to view the ASSIST website at www.assist.org, which provides the most up-to-date information on course articulation for California public universities.

In addition, students are welcome to visit the Transfer Center in the Welcome Center. The Transfer Center offers a variety of services to assist students with the transfer process such as workshops, university fairs, campus tours, application assistance, and university contacts.

ASSIST (Articulation System Stimulating Interinstitutional Student Transfer)

ASSIST is a computerized student-transfer information system that can be accessed online. It displays reports of how course credits earned at one California Community College can be applied at the receiving institution. ASSIST is the official repository of articulation for California's public colleges and universities and therefore features the most accurate and up-to-date information available about student transfer in California. For additional information regarding ASSIST, visit the Career and Transfer Center or the ASSIST website at www.assist.org.

California State University

The California State University system consists of 23 campuses located throughout the state. While each campus within the system has its own unique geographic and academic character, all campuses offer bachelor's and master's degrees in a variety of subject areas.

Upper Division Transfer Requirements:

Students who have at least 60 transferable semester units (or 90 transferable quarter units) with a 2.0 grade point average completed by the time of entry to a CSU, are considered an upper division applicant. Applicants are eligible for admission to the CSU if they:

1. are in good standing at the last college or university attended; and
2. have completed 30 units of general education to include: one course in written communication, one course in oral communication, one course in critical thinking, and one transferable course in mathematics above intermediate algebra. The four courses must be completed with a grade of C or better.

Campuses that are impacted have supplemental admission criteria. Students should meet with a counselor and visit: www.calstate.edu/SAS/ for additional information.

Note: The majority of students transfer as upper division transfers, as most CSU campuses do not accept lower division transfer students. Please check with the individual campus for verification.

CSU General Education Breadth Requirements

General Education Breadth Requirements are designed so that students may take lower division general education courses at a California community college such that when a student transfers, the student will have completed most, if not all, of the lower division general education requirements.

Certification

Certification means that Compton College has verified that the student has completed the lower division general education requirements for the CSU. For full certification, students must complete 39 units from Categories A through E of the CSU General Education Requirements. Twelve of the 39 units must be completed at Compton College. CSU certification may be requested in Admissions. Courses may be listed in multiple categories, but can only be certified in one area.

CSU General Education Requirements

Area A - Communication in the English Language and Critical Thinking

minimum 9 semester units or 12 quarter units

One course from each subsection.

1. Communication Studies 100, 120, 130, 140
2. English 101, 101H
3. English 103, 103H, Philosophy 105, 106, Communication Studies 120

Area B - Physical Universe and its Life Forms

minimum 9 semester units or 12 quarter units

One course must be completed from each subsection; one course must include a laboratory (marked by *).

1. Physical Sciences:

Astronomy 120, 125, 125H, 128*
 Chemistry 102*, 104*, 104H*, 120*, 122*, 150*, 152*, 210*, 212*
 Geography 101, 106*, 109
 Geology 101, 102, 103*, 104*, 106*, 115
 Physical Science 125*
 Physics 111, 112*, 120*, 122*, 150*, 152*, 250*, 252*

2. Life Sciences:

Anatomy 130*, 132*
 Anatomy and Physiology 134*, 135*
 Anthropology 101
 Biology 100*, 100H*, 101*, 101H*, 102*, 103, 115, 117, 118*
 Microbiology 133*
 Physiology 131*
 Psychology 107

3. The courses listed above in B.1. and B.2. marked with an asterisk meet the laboratory requirement.

4. Mathematics/quantitative Reasoning:

Business 115, 117
 Mathematics 110, 111, 115, 120, 130, 140, 150, 150H, 165, 170, 180, 190, 210, 220, 270
 Psychology 120
 Sociology 120

Area C - Arts, Literature, Philosophy and Foreign Languages

minimum 9 semester units or 12 quarter units

At least one course from subsection 1 and one course from subsection 2.

1. Arts:

Art 101, 102, , 103, 104, 109, 207, 209
 Communication Studies 250
 Dance 101, 103
 Film/Video 110 Music 111, 112, 113, 116, 215A, 215B
 Theater 103, 104, 113

2. Humanities:

English 102, 102H, 120, 123, 127, 150, 152, 200, 227, 228, 238, 239, 240, 241, 242, 243, 244, 248
 History 101, 102, 105, 106, 108, 110, 111, 112, 114, 122, 128, 129, 140, 141, 145, 152, 154, 175, 176, 183, 184
 Humanities 101
 Japanese 101, 102
 Philosophy 101, 103, 111, 112, 115
 Political Science 107
 Sign Language/Interpreter Training 111, 112, 113, 114, 115, 130
 Spanish 101, 102, 103, 104, 105, 106, 152, 153

Area D - Social, Political and Economic Institutions and Behavior; Historical Background

minimum 9 semester units or 12 quarter units

Courses must be selected from at least two different subsections.

Courses listed in more than one subsection/area can be used for credit in one subsection/area only.

1. Anthropology and Archaeology:

Anthropology 102, 103, 104, 106, 107, 108, 109, 111, 112

2. Economics:

Economics 101, 102, 105

3. Ethnic Studies:

Communication Studies 260 Ethnic Studies 101, 103, 105
 History 108, 110, 111, 112, 122
 Political Science 105
 Psychology 110
 Sociology 107

4. Gender Studies:

Anthropology 109
 History 105, 106
 Women's Studies 101

5. Geography:

Geography 102, 105, 105H, 107

6. History:

History 101, 102, 105, 106, 108, 110, 111, 112,
 114, 122, 128, 129, 140, 141, 145, 152, 154, 175,
 176, 183, 184

7. Interdisciplinary Social/Behavioral Science:

Business 122
 Child Development 103
 Communication Studies 260
 Journalism 112
 Sign Language/Interpreter Training 130

8. Political Science, Government and Legal Institutions:

Political Science 101, 101H, 102, 103, 105, 106,
 107, 110

9. Psychology:

Physical Education 275
 Psychology 101, 101H, 102, 108, 110, 112, 115, 116

10. Sociology and Criminology:

Sociology 101, 102, 104, 107, 108, 112, 115

Area E - Lifelong Understanding and Self-Development

minimum 3 semester units or 4-5 quarter units

Business, 122
 Child Development 103
 Contemporary Health 101, 105
 Human Development 110, 115
 Nutrition and Foods 110
 Physical Education 128, 138, 275, 280
 Psychology 102, 112, 116
 Sociology 102

One unit may be taken from: Physical Education
 102, 103, 104, 107, 110, 113, 122, 127, 130, 134,
 154, 155, 174, 175, 186, 187, 260

(Warning: an Area E approved two-unit course would be required with one of these one-unit courses to meet the 3 unit minimum. Compton College does not currently offer an approved 2-unit course in this area. See your counselor for further information.)

All CSU campuses have a graduation requirement in U.S. History, Constitution, and American Ideals of 6 semester units. One course is required from Group 1 and one course is required from Group 2.

Group 1: History 101, 102, 105, 106, 108, 110, 111, 112, 122

Group 2: Political Science 101

University of California

The University of California has 10 campuses located throughout the state. Each campus within the system has its own unique geographic and academic character. The university offers bachelor's, master's, and doctoral degrees in a variety of subject areas.

University of California Admission Requirements

To be minimally eligible for admission to the University of California as a transfer student, a student must fulfill the following criteria:

- A. Complete 60 UC transferable semester units (90 quarter units) with a minimum GPA of 2.4 (2.8 for non-residents).
- B. Complete the following course pattern requirements, earning a grade of C or better in each course: two transferable college courses in English composition; one transferable college course in mathematical concepts and quantitative reasoning; four transferable college courses chosen from at least two of the following subject areas: arts and humanities, social and behavioral sciences, and physical and biological sciences.
- C. Complete as many major preparation courses as possible. Major preparation may be viewed at www.assist.org.

Note: The IGETC General Education Transfer Pattern will meet these course requirements. However, some students, depending on the transfer major and university, may not be well served by following IGETC.

Note: Selective majors are requiring certain courses to be completed before transfer with a higher grade point average.

The University of California will accept up to 70 UC transferable units from a community college. Students who complete more than 70 units at the community college may still complete courses to fulfill course requirements but will receive subject credit.

Intersegmental General Education Transfer Curriculum (IGETC)

The Intersegmental General Education Transfer Curriculum (IGETC) is a series of courses prospective transfer students attending California community colleges may complete at the community college to satisfy the lower division breadth/general education requirements at both the University of California and the California State University.

Students have the option of completing the IGETC or the specific lower division breadth/general education requirements of the school or college at the campus they plan to attend. The IGETC must be completed prior to transfer. The University has an agreement with each California community college that specifies which of its courses may be applied to each category of the IGETC. All courses must be completed with a grade of C or better.

The IGETC is most helpful to students who want to keep their options open. Certain majors, however, will not be well served by following IGETC. Students who intend to transfer into majors that require extensive lower division preparation, such as those in engineering or the physical and natural sciences, should concentrate on completing as many prerequisites for the major before transfer.

The IGETC is not an admission requirement. Completing IGETC does not guarantee admission to the campus or program of choice. However, completing the lower division breadth/general education requirements, whether through the IGETC or the campus specific requirements, may be considered by the campus in the selection process. Students who do not complete the IGETC before transferring will be required to satisfy the campus-specific lower division general education requirements of the college they attend.

Certification

Certification means that the last community college attended prior to transfer will verify that the student has completed the entire IGETC pattern. It is the student's responsibility to obtain full certification during the last semester of attendance prior to transfer. IGETC certification may be requested in Admissions.

IGETC Course Requirements

Area 1: English Communication

UC and CSU transfers complete groups A and B; Group C is required for CSU transfers only.

Group A: English 101, 101H

Group B: One course from: English 103, 103H, Philosophy 105, Group C (CSU transfers only): One course from: Communication Studies 100, 120, 130, 140?

Area 2: Mathematical Concepts and Quantitative Reasoning

One course, 3 semester or 4-5 quarter units:

Mathematics 115 #, 120, 130, 140, 150#, 150H, 165, 180#, 190#, 191#, 210, 220, 270

Psychology 120

Sociology 120

Area 3: Arts and Humanities

Three courses, 9 semester or 12-15 quarter units; at least one course from Arts and one course from Humanities:

A. Arts:

Art 101, 102, , 103, 104, 109, 207, 209&

Dance 101, 103

Film/Video 110 Music 111, 112, 112H, 113, 116, 215A, 215B

Theatre 103, 104

B. Humanities:

Anthropology 104, 111

English 102, 102H, 120, 150, 152, 200, 227, 228, 239, 240, 241, 242, 244, 248

History 101, 102, 105, 106, 108, 110, 111, 112, 114, 122, 128, 129, 140, 141, 145, 152, 154, 175, 176, 183, 184

Humanities 101

Japanese 102

Philosophy 101, 103, 111, 112, 115,

Political Science 107

Sign Language Interpreter Training 112, 113, 114, 115, 130

Spanish 102, 103, 104, 152, 153

Area 4: Social and Behavioral Sciences

Three courses, 9 semester or 12-15 quarter units, from at least two disciplines or an interdisciplinary sequence:

Anthropology 102, 103, 104, 106, 107, 108, 109, 111, 112
 Child Development 103
 Communication Studies 260,
 Economics 101, 102, 105
 Ethnic Studies 101, 103, 105
 Geography 102, 105, 105H, 107
 History 101, 102, 105, 106, 108, 110, 111, 112, 122, 128, 129, 140, 141, 145, 152, 154, 175, 176, 183, 184
 Journalism 112
 Political Science 101#, 102, 103, 105, 106, 107, 110
 Psychology 101, 101H, 102, 108, 110, 112?, 115?, 116
 Sociology 101, 102, 104, 107, 108, 112, 115
 Women's Studies 101

Area 5: Physical and Biological Sciences

Two courses, 7-9 semester or 9-12 quarter units; one physical science course, one biological science course; at least one course must include a laboratory (*indicates a lab course):

A. Physical Sciences:

Astronomy 120#, 125#, 125H#, 128*
 Chemistry 102*#, 104*#, 104*H, 120*, 122*, 150*, 152*, 210*, 212*
 Geography 101, 106*, 109
 Geology 101, 102, 103*, 104*, 115
 Physical Science 125*?
 Physics 111#, 112*#, 120*#, 122*#, 150*#, 152*#, 250*#, 252*#

B. Biological Sciences:

Anatomy 130*#, 132*#
 Anatomy and Physiology 134*, 135*
 Anthropology 101
 Biology 100*#, 101*, 101H*, 102*, 102H*, 103*, 115, 117, 118*
 Microbiology 133*
 Physiology 131*#
 Psychology 107

C. Laboratory science courses are marked with an asterisk (*indicates a lab course):

Area 6 UC Only: Language other than English

The requirement may be met by one of the following:

A course at Compton: Japanese 101, Sign Language 111, Spanish 101, 152, 153.

1. Two years of high school coursework in a language other than English with a final grade of C or better. The two years must be in the same language (high school transcripts must be on file with Compton).
2. Foreign language course (or courses) at another college or university that is comparable to two years of high school foreign language.
3. Satisfactory score on the SAT II: Subject Test in languages other than English. (If taken before May 1995, use the first score; if taken after May 1995, use the second score): Chinese with Listening 500/520; French French with Listening 500/540; German German with Listening 500/510; Hebrew (modern) 500/470; Italian 500/520; Japanese with Listening 500/510; Korean /500; Latin 500/530; Spanish/Spanish with Listening 500/520.
4. Score of 3 or better on the College Board Advanced Placement Examinations in languages other than English.
5. Score of 5 or higher on the International Baccalaureate Higher Level Examinations in languages other than English.
6. A Defense Language Institute language other than English course which is indicated as passed with a "C" or higher on the official transcript.
7. Satisfactory completion of an achievement or proficiency test administered by a community college, university or other college in a language other than English. The test must assess the student proficiency at a level equivalent to at least two years of high school language. This conclusion must be posted on a transcript indicating unit, course title, and grade or on a document with letterhead of the institution granting proficiency stating that the student has mastered proficiency in the language equivalent to two years of high school language.
8. Language other than English "O" level exam with a grade of A, B, or C.

9. Language other than English International "A" level exam with a score of 5, 6, 7.
10. Satisfactory completion of C grades or better, of two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English.

Note: If the secondary school was completed in a non-English speaking country and the language of instruction of the secondary school was not English, language other than English proficiency can be certified for IGETC without further evaluation. The student must present appropriate documentation of attendance at the secondary school.

CSU Only: Graduation requirement in American History and American Institutions: History 101, 102, 105, 106, 108, 110, 111, 112, 122

Institutions: Political Science 101#
Indicates that transfer credit may be limited by UC or CSU or both; please consult with a counselor.

Intersegmental General Education Transfer Curriculum (IGETC): For general education courses taken after fall 2008, please check with your academic counselor or www.assist.org for course applicability and limitations.



Certificate of Achievement and Accomplishment Programs

Compton College offers a variety of certificate programs. A Certificate of Achievement is recorded on a student's transcript. A Certificate of Accomplishment is not recorded on the transcript. Each of the programs requires completion of courses in a particular field. Unlike degree programs, courses outside the field are not generally required. Students must file a petition for a certificate in the evaluations area, which is located in the Admissions and Records Office, by the deadline date published in the schedule of classes.

Certificate of Achievement

A Certificate of Achievement is awarded to students who complete the prescribed program with a 2.0 grade point average.

A Certificate of Achievement with Honors is awarded to students who complete the prescribed program with a 3.0 grade point average.

A Certificate of Achievement with High Honors is awarded to students who complete the prescribed program with a 3.5 grade point average or above.

Certificate of Accomplishment

A Certificate of Accomplishment is awarded to students who complete the prescribed program with a 2.0 grade point average or above.

Certificates of Achievement

Administration of Justice:

Administration of Justice

Air Conditioning and Refrigeration:

Air Conditioning

Air Conditioning and Refrigeration Electric Controls

Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration

Refrigeration

Automotive Collision Repair/Painting:

Automotive Collision Repair

Automotive Painting and Refinishing

Automotive Technology:

Automotive Brakes/Suspension/Transmission/Drive Train Technician

Automotive Engine Rebuilding and Repair Technician

Automotive Technician I

Automotive Technician II

Automotive Tune-Up Technician

Business:

Business Management

Marketing

Retail Management

Child Development:

Early Childhood Education

Early Intervention Assistant

Special Education Assistant

Computer Information Systems:

Computer Systems Applications

Cosmetology Level II

Machine Tool Technology:

CNC Machine Operator

Machinist

Numerical Control Programmer

Music:

Commercial Music

Transfer Studies:

CSU General Education Breadth

Intersegmental General Education Transfer

Curriculum (IGETC)

Welding

Certificates of Accomplishment

Automotive Collision Repair/Painting:

Automotive Accident Reconstruction
Automotive Collision Investigation
Automotive Collision Damage Estimating

Automotive Technology:

Automotive Air Conditioning Technician
Automotive Brakes and Suspension Technician
Automotive Engine Rebuilding and Repair Technician
Automotive Transmission and Drive Train Technician

Cosmetology:

Cosmetology Level I

Physical Education:

Fitness Trainer

Evaluation of Completion of Requirements

The Certificate of Achievement or the Certificate of Accomplishment will be evaluated according to the following conditions:

- 1. Catalog requirement:** Certificate requirements are derived from the catalog in effect at the time the student entered Compton College or from the current catalog, following the Catalog Rights guidelines. (Please refer to the Associate Degree section of this catalog.) Each catalog is in effect during the academic year for which it is published (fall semester through the summer session).
- 2. Residency requirement:** Individual certificates specifically state the required number of units that must be completed at Compton College.

Programs of Study / Degrees and Majors

ADMINISTRATION OF JUSTICE

The Administration of Justice program provides students with the ability to apply principles of the justice system, constitutional and procedural considerations affecting arrest, search and seizure, human relations, and concepts of criminal law as well as demonstrate proficiency in report writing and record keeping. Students completing this program will be prepared to transfer and major in criminal justice. Competencies will be assessed regularly in accordance with the California Commission on Peace Officers Standards and Training (P.O.S.T.) criteria.

The Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AS-T are guaranteed admission to the CSU system, but not to a particular campus or major. In order to earn an AS-T degree, students must complete:

1. Completion of 60 semester units or 90 quarter units of degree-applicable courses that are eligible for transfer to the California State University.
2. Completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
3. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
4. Obtainment of a minimum overall grade point average of 2.0.
5. A grade of "C" (or "P") or better in all courses required for the major or area of emphasis.

Students who have completed the AS-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system. Students transferring to a UC, private, or out-of-state university should consult with a Compton counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AS-T.

Program Goals and Objectives:

- The 4th Amendment: Upon completion of course of study in administration of justice, a student will be able to recognize unlawful behavior and take appropriate enforcement action properly utilizing probable cause as required in the 4th amendment of the US Constitution.
- Criminal Justice Reports: Upon completion of a course of study in administration of justice, students will be able to properly document a criminal investigation, crime analysis report, intelligence report, or other criminal justice documentation. The report will include the correct elements of the incident involved, will include the relevant facts, be accurate and complete and will be grammatically correct.
- Interpreting Criminal Profiles and Identifying Criminal Behaviors: Students completing a course of study in administration of justice will, after being provided a hypothetical crime scenario will be able to recognize, and interpret as suspicious or criminal behavior based on facts presented in the scenario.
- The Criminal Justice System: Upon completion of a course of study in Administration of Justice, successful students will be able to explain what the criminal justice system is, what role it performs in society and how its components interact with one another in achieving its goals
- Certificates, Graduation, and Transfer Students completing a course of study in administration of justice will successfully earn a certificate/graduate/transfer to 4-year universities and will successfully compete for jobs in which they can apply legal, investigative and communicative skills acquired in the administration of justice program.

Program Requirements for AS-T:**Required Core: 6 units**

AJ 100	Introduction to Administration of Justice (3)
AJ 103	Concepts of Criminal Law I (3)

List A: 6 units

AJ 107	Crime and Control – An Introduction to Corrections (3)
AJ 111	Criminal Investigation (3)
AJ 115	Community and Human Relations (3)
AJ 126	Juvenile Delinquency and Legal Procedures (3)
AJ 130	Criminal Procedures (3)
AJ 131	Legal Aspects of Evidence (3)
AJ 132	Forensic Crime Scene Investigation (3)

List B: 6-7 units

PSYC 101	General Psychology (3)
SOCI 101	Introduction to Sociology (3)
MATH 150	Elementary Statistics with Probability (4)
or	
PSYC 120	Introduction to Statistics and Data Analysis for the Behavioral Sciences (4)
or	
SOCI 120	Introduction to Statistics and Data Analysis for the Behavioral Sciences (4)

Total Units: 18-19**Administration of Justice – Certificate of Achievement**

Program Description: The Administration of Justice certificate of achievement prepares students for a career in criminal justice. By completing the certificate requirements, students gain the ability to apply principles of the justice system, constitutional and procedural considerations affecting arrest, search and seizure, human relations, and concepts of criminal law as well as demonstrate proficiency in report writing and record keeping. Career options include police officer, corrections officer, homeland security, private security, and crime scene investigator.

Program Goals and Objectives:

Upon successful completion of the program students will be able to:

- Communicate effectively with other agency colleagues and with the public.
- Use critical thinking skills to select an appropriate response to a public safety event.
- Identify relevant solutions to contemporary safety and security concerns.
- Participate effectively in multi-cultural or interagency teams to solve safety problems on a national.
- Demonstrate an understanding of ethical issues and values required to make sound decisions about public safety.

Program Requirements:

AJ 100	Introduction to Administration of Justice (3)
AJ 103	Concepts of Criminal Law I (3)
AJ 115	Community and Human Relations (3)
AJ 130	Criminal Procedures (3)
AJ 131	Legal Aspects of Evidence (3)
AJ 135	Report Writing (3)
AJ 170	Constitutional Law for Criminal Justice (3)

Total Units: 21**AIR CONDITIONING AND REFRIGERATION**

The air conditioning and refrigeration program prepares students for employment in the field and provides upgrade opportunities for currently employed personnel. By completing the degree and/or certificate requirements, the student will gain proficiency in service, troubleshooting, installation, and energy efficient operation of residential, commercial and industrial heating, air conditioning, refrigeration, and control systems. Students will learn to read wiring diagram, diagnose control circuits, operate test equipment, and service pneumatic, electric and electronic controls. Competencies will be assessed in accordance with the Environmental Protection Agency certificate criteria. Students completing the program may expect to enter industry as an advanced apprentice or entry-level heating, ventilation, air conditioning, and controls technician. At least 50 percent of the major requirements for the Associate in Science degree must be completed at Compton College.

Program Goals and Objectives

- Students successfully completing air conditioning and refrigeration program, whether in the certificate program or degree program, will acquire and be able to use specific safety knowledge and skills relating to the air conditioning and refrigeration discipline and will be able to apply those skills to specific job requirements.
- Upon completion of a course of study in air conditioning and refrigeration, a student will be able to install, service, and repair ACR systems as required by the industry guidelines.
- Upon completion of a course of study, students in air conditioning and refrigeration will be able to properly pressure test, evacuate, and charge ACR system.
- Students completing a course of study in air conditioning and refrigeration will successfully earn a certificate/graduate transfer to 4-year universities and will successfully compete for jobs in which they can apply their knowledge and communicative skills acquired in the air conditioning and refrigeration program.

Program Requirements for A.S. Degree:

ACR 121	Air Conditioning Fundamentals (4)
ACR 123	Commercial Refrigeration Applications (4)
ACR 125	Energy Efficient Residential, Commercial and Industrial Air Conditioning (4)
ACR 127	Heating Technologies (4)
ACR 130	Electric Controls (2)
ACR 131	HVAC Electronics (2)
ACR 134	HVAC Customer Service and Industry Certifications (1)
ACR 136	Electrical Applications (4)
ACR 160	Refrigeration and Air Conditioning Control Systems (4)
ACR 161	Fundamentals of Automation Systems (3)
ACR 162	Energy Control and Optimization Systems (4)

Total Units: 36

Recommended Electives:

BUS 115	Business Mathematics (3)
CIS 113	Computer Information Systems (3)

Air Conditioning – Certificate of Achievement

Program Description: The Air Conditioning certificate of achievement prepares students for employment in the field and provides upgrade opportunities for currently employed personnel. By completing certificate requirements, the student will gain proficiency in service, troubleshooting, installation, and energy efficient operation of residential, commercial and industrial heating, air conditioning, refrigeration, and control systems. Students will learn to read wiring diagram, diagnose control circuits, operate test equipment, and service pneumatic, electric and electronic controls. Competencies will be assessed in accordance with the Environmental Protection Agency certificate criteria. Students completing the program may expect to enter industry as an advanced apprentice or entry-level heating, ventilation, air conditioning, and controls technician.

Program Requirements:

ACR 121	Air Conditioning Fundamentals (4)
ACR 125	Energy Efficient Residential, Commercial and Industrial Air Conditioning (4)
ACR 127	Heating Technologies (4)
ACR 134	HVAC Customer Service and Industry Certifications (1)
ACR 136	Electrical Applications (4)

Total Units: 17

Air Conditioning and Refrigeration Electric Controls – Certificate of Achievement

Program Description: The Air Conditioning and Refrigeration Electrical Controls certificate includes heat transfer, energy, and the basic refrigeration system. Basic tools with some specialty tools and basic refrigerant handling skills will also be covered. Topics include: brazing of copper tubing; study of electrical diagrams and circuits in domestic refrigerators and freezers including the terminology, legends, and both ATL and pictorial electrical diagrams used in domestic refrigeration equipment. Testing and repair or replacement of specialized circuitry on refrigeration equipment including types of motors and start components, temperature controls and defrost timers used on domestic refrigeration equipment. Recommended for students desiring to enter the air conditioning and refrigeration industry.

Program Requirements:

ACR 130	Electric Controls (2)
ACR 131	HVAC Electronics (2)
ACR 134	HVAC Customer Service and Industry Certifications (1)
ACR 136	Electrical Applications (4)
ACR 160	Refrigeration and Air Conditioning Control Systems (4)

Total Units: 13**Heating, Ventilation and Air Conditioning (HVAC) and Refrigeration – Certificate of Achievement**

Program Description: The Heating Ventilation, and Air Conditioning (HVAC) and Refrigeration Certificate of Achievement prepares students for employment in the field and provides upgrade opportunities for currently employed personnel. Upon successful completion of the certificate requirements, students will gain proficiency in service, troubleshooting, installation, and energy efficient operation of residential, commercial and industrial heating, air conditioning, refrigeration, and control systems. Students will learn to read wiring diagrams, diagnose control circuits, operate test equipment, and service pneumatic, electric and electronic controls. Competencies will be assessed in accordance with the Environmental Protection Agency certificate criteria.

Program Requirements:

ACR 121	Air Conditioning Fundamentals (4)
ACR 123	Commercial Refrigeration Applications (4)
ACR 125	Energy Efficient Residential, Commercial and Industrial Air Conditioning (4)
ACR 127	Heating Technologies (4)
ACR 130	Electric Controls (2)
ACR 131	HVAC Electronics (2)
ACR 134	HVAC Customer Service and Industry Certifications (1)
ACR 136	Electrical Applications (4)
ACR 160	Refrigeration and Air Conditioning Control Systems (4)
ACR 161	Fundamentals of Automation Systems (3)
ACR 162	Energy Control and Optimization Systems (4)
BUS 115	Business Mathematics (3)

Total Units: 39**Refrigeration – Certificate of Achievement**

Program Description: The Refrigeration certificate of achievement explores refrigeration theory, characteristics of refrigerants, temperature and pressure, tools and equipment, soldering, brazing, commercial refrigeration systems, system components, compressors, evaporators, and metering devices. Students will learn to charge commercial systems with new Environmental Protection Agency (EPA) refrigerants and evaluate the proper operation of systems. Troubleshooting techniques are explained with the use of wiring diagrams and electric meters.

Program Requirements:

ACR 121	Air Conditioning Fundamentals (4)
ACR 123	Commercial Refrigeration Applications (4)
ACR 134	HVAC Customer Service and Industry Certifications (1)
ACR 160	Refrigeration and Air Conditioning Control Systems (4)

Total Units: 13**AUTOMOTIVE COLLISION REPAIR/PAINTING**

The automotive collision repair/painting program prepares students for employment in the field and provides upgrade opportunities for currently employed personnel. By completing the degree and/or certificate requirements, students will gain proficiency in industry repair standards, vehicle identification and construction, estimating, body repairs, frame repairs, vehicle alignment, welding, and vehicle painting. In addition, completing the certificate requirements prepares students for employment in the fields of automotive insurance investigation, vehicle accident reconstruction, automotive collision repair, or automotive painting. Competencies will be assessed regularly by student performance in the automotive collision repair/painting classroom and laboratory. At least 50 percent of the major requirements for the Associate in Science degree must be completed at Compton College.

Program Goals and Objectives:

- Certification Tests: Upon completion of this discipline's course of study, the student will be able pass at least one ASE certification test or practice test in Auto Collision Repair (B2, B3, B4, B5 or B6).
- Welds: Upon completion of this discipline's course of study, the student will be able pass the official I-CAR MIG welding qualification test or Compton imitation. Welds include butt weld, lap weld and plug weld in flat and vertical positions.
- Damage Repair Estimate: Upon completion of this discipline's course of study, the student will be able to examine a damaged vehicle and create an informal written estimate of the parts, tools, materials and time needed to repair the vehicle.

Program Requirements for A.S. Degree:

Complete a minimum of 20 units from:

- | | |
|----------|--|
| ACRP 101 | Introduction to Automotive Collision Repair (8) |
| ACRP 102 | Collision Repair Equipment and Welding Techniques (8) |
| ACRP 103 | Major Collision Analysis and Repair (8) |
| ACRP 104 | Mechanical and Electrical Systems for Collision Repair Technicians (8) |
| ACRP 120 | Automotive Collision Investigation (3) |
| ACRP 122 | Automotive Repair Fraud (3) |
| ACRP 124 | Automotive Collision Analysis (3) |
| ACRP 126 | Automotive Accident Reconstruction (3) |
| ACRP 130 | Basic Automotive Painting – Refinishing (8) |
| ACRP 132 | Automotive Refinishing Materials and Equipment (8) |
| ACRP 134 | Automotive Refinishing Applications (8) |
| ACRP 136 | Introduction to Automotive Collision Estimating (8) |
| ACRP 138 | Computerized Collision Damage Estimating (8) |
| ACRP 140 | Beginning Automotive Collision Repair I (4) |
| ACRP 142 | Beginning Automotive Collision Repair II (4) |
| ACRP 150 | Beginning Automotive Painting I (4) |
| ACRP 152 | Beginning Automotive Painting II (4) |

Total Units: 20

Recommended Electives:

- | | |
|----------|---|
| ATEC 116 | Suspension and Four Wheel Alignment (4) |
| ATEC 125 | Automotive Electrical Systems (4) |
| ATEC 181 | Automotive Air Conditioning (3) |
| MTT 160 | General Metals (3) |
| WELD 105 | Basic Welding for Allied Fields (3) |

Automotive Collision Repair – Certificate of Achievement**Program Requirements:**

Complete 24 units from the following:

- | | |
|----------|--|
| ACRP 101 | Introduction to Automotive Collision Repair (8) |
| ACRP 102 | Collision Repair Equipment and Welding Techniques (8) |
| ACRP 103 | Major Collision Analysis and Repair (8) |
| ACRP 104 | Mechanical and Electrical Systems for Collision Repair Technicians (8) |
| ACRP 120 | Automotive Collision Investigation (3) |
| ACRP 122 | Automotive Repair Fraud (3) |
| ACRP 124 | Automotive Collision Analysis (3) |
| ACRP 126 | Automotive Accident Reconstruction (3) |
| ACRP 136 | Introduction to Automotive Collision Estimating (8) |
| ACRP 138 | Computerized Collision Damage Estimating (3) |
| ACRP 140 | Beginning Automotive Collision Repair I (4) |
| ACRP 142 | Beginning Automotive Collision Repair II (4) |
| ACRP 144 | Intermediate Automotive Collision Repair I (4) |
| ACRP 146 | Intermediate Automotive Collision Repair II (4) |

Total Units: 24

Automotive Painting and Refinishing – Certificate of Achievement

Program Description: By completing the Automotive Collision Repair certificate of achievement requirements, students will gain proficiency in industry repair standards, vehicle identification and construction, estimating, body repairs, frame repairs, vehicle alignment, welding, and vehicle painting. In addition, completing the certificate requirements prepares students for employment in the fields of automotive insurance investigation, vehicle accident reconstruction, automotive collision repair, or automotive painting. Competencies will be assessed regularly by student performance in the automotive collision repair/painting classroom and laboratory.

Program Requirements:

Complete 24 units from the following:

ACRP 101	Introduction to Automotive Collision Repair (8)
ACRP 130	Basic Automotive Painting – Refinishing (8)
ACRP 132	Automotive Refinishing Materials and Equipment (8)
ACRP 134	Automotive Refinishing Applications (8)
ACRP 136	Introduction to Automotive Collision Estimating (3)
ACRP 138	Computerized Collision Damage Estimating (3)
ACRP 150	Beginning Automotive Painting I (4)
ACRP 152	Beginning Automotive Painting II (4)
ACRP 154	Intermediate Automotive Refinishing I (4)
ACRP 156	Intermediate Automotive Refinishing II (4)

Or any other Automotive Collision Repair/Painting course as approved for substitution by the department faculty.

Total Units: 24

AUTOMOTIVE TECHNOLOGY

The automotive technology program prepares students for employment in the field and provides upgrade opportunities for currently employed personnel. By completing the degree and/or certificate requirements, the student will gain proficiency in safety practices, automotive service, testing, troubleshooting, brakes, suspension, wheel alignment, engine tune-up, electrical systems, fuel systems (carburetion and fuel injection), emission systems, transmissions, drive trains, engine repair, engine rebuilding, automotive machining, or air conditioning. Competencies will be assessed regularly in accordance with Automotive Service Excellence (ASE) standards. A student completing degree requirements may expect to enter industry as a technician in automotive service, repair, tune-up, smog certification, or automotive air conditioning.

Preparation for the Automotive Technology

Transfer Major: For information on specific university major requirements consult with your counselor, or visit the Transfer Center. You may use the transfer major requirements to help you fulfill your associate degree requirements.

Program Goals and Objectives:

- ASE Certification Test Exam Given an in class exam, based on readings, classroom discussions and demonstrations, the student will be able to take a Pass/No Pass practice exam, or an official ASE Certification Test exam with a grade equivalent of “pass”.

- Skills for Entry Level Positions: Upon completion of a course of study in ATEC, the student will develop knowledge and skills for job entry positions in the automotive field.
- Updated Knowledge and Skills: Upon completion of a course of study in ATEC, the student working in the field will develop updated knowledge and skills in the automotive field.
- A student completing degree or certificate requirements may expect to enter industry as a technician in automotive service, repair, tune-up, smog certification, or automotive air conditioning. Competencies will be assessed regularly in accordance with Automotive Service Excellence (ASE).

Program Requirements for A.S. Degree:

Required Core: 32 units

8 units from:

ATEC 111	Brakes, Suspension and Four Wheel Alignment (8)
ATEC 114	Brakes (4)
ATEC 116	Suspension and Four Wheel Alignment (4)

8 units from:

ATEC 122	Introduction to Engine Performance, Electrical and Fuel Systems (8)
ATEC 123	Engine Performance, Electrical and Fuel Systems (4)
ATEC 124	Computer Controlled Engine Management, Fuel Systems and Emissions (4)

8 units from:

ATEC 125	Automotive Electrical Systems (4)
ATEC 127	Electrical, Electronics and Computer Controlled Systems (8)
ATEC 128	Automotive Testing and Diagnosis (4)

8 units from:

ATEC 133	Transmissions, Drive Train & Drive Axles (8)
ATEC 134	Automatic Transmissions (4)
ATEC 135	Manual Transmission, Drive Train and Drive Axles (4)

One course from:

ATEC 141	Engine Rebuilding (8)
ATEC 142	Engine Repair (8)
ATEC 143	Introduction to Engine Repair (4)
ATEC 145	Automotive Machining (4)

Total Units: 36-40

Recommended Elective:

WELD 105	Basic Welding for Allied Fields (3)
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Automotive Brakes/Suspension Transmission/Drive Train Technician – Certificate of Achievement

Program Description: This Automotive Brakes/Suspension, Transmission/Drive Train Technician certificate of achievement includes fundamental courses in automotive brake and suspension systems dealing with maintenance of the modern automobile. Emphasis is on the elementary operating principles and beginning skill development. This is designed to allow students to become familiar with automotive brake and suspension systems and enter the work environment with basic skills. Courses include fundamentals in automotive transmission and drive train systems dealing with maintenance of the modern automobile. Emphasis is on the elementary operating principles and beginning skill development.

Program Requirements:

8 units from:

- | | |
|----------|---|
| ATEC 111 | Brakes, Suspension and Four Wheel Alignment (8) |
| ATEC 114 | Brakes (4) |
| ATEC 116 | Suspension and Four Wheel Alignment (4) |

8 units from:

- | | |
|----------|--|
| ATEC 133 | Transmissions, Drive Train & Drive Axles (8) |
| ATEC 134 | Automatic Transmissions (4) |
| ATEC 135 | Manual Transmission, Drive Train and Drive Axles (4) |

Total Units: 16

Automotive Engine Rebuilding and Repair Technician – Certificate of Achievement

Program Description: The Automotive Engine Rebuilding and Repair Technician certificate of achievement trains students to work as professionals in this field, offering instruction in maintenance, diagnosis and overhaul procedures of electrical and fuel injection systems. By fulfilling the program requirements, students will have gained the skills necessary to maintain, repair, and diagnose electrical, fuel injection systems, and overhaul procedures, as well as basic shop practices needed to meet industry standards. This is theory/practical course in Automotive Technology to include operating principles and descriptions of all components. The emphasis is on diagnosis and measurement of internal engine components. Complete disassembly and reassembly of engines will be accomplished with the emphasis on manufacturer's specialty tools and techniques of overhead cam engines.

Program Requirements:

8 units from:

- | | |
|----------|-----------------------|
| ATEC 141 | Engine Rebuilding (8) |
| ATEC 142 | Engine Repair (8) |

4 units from:

- | | |
|----------|-----------------------------------|
| ATEC 143 | Introduction to Engine Repair (4) |
| ATEC 145 | Automotive Machining (4) |

Total Units: 12

Automotive Technician I – Certificate of Achievement

Program Description: The Automotive Technician certificates of achievement train students to work as professionals in this field, offering instruction in maintenance, diagnosis and overhaul procedures of electrical and fuel injection systems. By fulfilling the program requirements, students will have gained the skills necessary to maintain, repair, and diagnose electrical, fuel injection systems, and overhaul procedures, as well as basic shop practices needed to meet industry standards. This is theory/practical course in Automotive Technology to include operating principles and descriptions of all components.

Program Requirements:

Required Core: 32 units:

8 units from:

- | | |
|----------|---|
| ATEC 111 | Brakes, Suspension and Four Wheel Alignment (8) |
| ATEC 114 | Brakes (4) |
| ATEC 116 | Suspension and Four Wheel Alignment (4) |

8 units from:

- | | |
|----------|---|
| ATEC 122 | Introduction to Engine Performance, Electrical and Fuel Systems (8) |
| ATEC 123 | Engine Performance, Electrical and Fuel Systems (4) |
| ATEC 124 | Computer Controlled Engine Management, Fuel Systems and Emissions (4) |

8 units from:

- | | |
|----------|---|
| ATEC 125 | Automotive Electrical Systems (4) |
| ATEC 127 | Electrical, Electronics and Computer Controlled Systems (8) |
| ATEC 128 | Automotive Testing and Diagnosis (4) |

8 units from:

- | | |
|----------|--|
| ATEC 133 | Transmissions, Drive Train and Drive Axles (8) |
| ATEC 134 | Automatic Transmissions (4) |
| ATEC 135 | Manual Transmission, Drive Train and Drive Axles (4) |

One course from:

- ATEC 141 Engine Rebuilding (8)
- ATEC 142 Engine Repair (8)
- ATEC 143 Introduction to Engine Repair (4)
- ATEC 145 Automotive Machining (4)

Total Units: 36-40**Automotive Technician II –
Certificate of Achievement**

Program Description: The Automotive Technician certificates of achievement train students to work as professionals in this field, offering instruction in maintenance, diagnosis and overhaul procedures of electrical and fuel injection systems. By fulfilling the program requirements, students will have gained the skills necessary to maintain, repair, and diagnose electrical, fuel injection systems, and overhaul procedures, as well as basic shop practices needed to meet industry standards. This is theory/practical course in Automotive Technology to include operating principles and descriptions of all components.

Program Requirements:**Required Core: 32 units****8 units from:**

- ATEC 111 Brakes, Suspension and Four Wheel Alignment (8)
- ATEC 114 Brakes (4)
- ATEC 116 Suspension and Four Wheel Alignment (4)

8 units from:

- ATEC 122 Introduction to Engine Performance, Electrical and Fuel Systems (8)
- ATEC 123 Engine Performance, Electrical and Fuel Systems (4)
- ATEC 124 Computer Controlled Engine Management, Fuel Systems and Emissions (4)

8 units from:

- ATEC 125 Automotive Electrical Systems (4)
- ATEC 127 Electrical, Electronics and Computer Controlled Systems (8)
- ATEC 128 Automotive Testing and Diagnosis (4)

8 units from:

- ATEC 133 Transmissions, Drive Train and Drive Axles (8)
- ATEC 134 Automatic Transmissions (4)
- ATEC 135 Manual Transmission, Drive Train and Drive Axles (4)

One course from:

- ATEC 141 Engine Rebuilding (8)
- ATEC 142 Engine Repair (8)
- ATEC 143 Introduction to Engine Repair (4)
- ATEC 145 Automotive Machining (4)

Complete 6-10 units from:

- ENGL A Writing the College Essay (3) or placement for English 101
- MTT 146 Basic Machine Tool Operation (3)
- MTT 101 Introduction to Conventional and CNC Machining (4)
- WELD 105 Basic Welding for Allied Fields (3)

Total units: 42-50**Automotive Tune-Up Technician –
Certificate of Achievement**

Program Description: The Automotive Tune-Up Technician certificate of achievement prepares students for employment in the field and provides upgrade opportunities for currently employed personnel. By completing the certificate requirements, the student will gain proficiency in safety practices, automotive service, testing, troubleshooting, brakes, suspension, wheel alignment, engine tune-up, electrical systems, fuel systems (carburetion and fuel injection), emission systems, transmissions, drive trains, engine repair, engine rebuilding, automotive machining, or air conditioning. Competencies will be assessed regularly in accordance with Automotive Service Excellence (ASE) standards. A student completing certificate requirements may expect to enter the industry as a technician in automotive service, repair, tune-up, smog certification, or automotive air conditioning.

Program Requirements:**8 units from:**

- ATEC 122 Introduction to Engine Performance, Electrical and Fuel Systems (8)
- ATEC 123 Engine Performance, Electrical and Fuel Systems (4)
- ATEC 124 Computer Controlled Engine Management, Fuel Systems and Emissions (4)

8 units from:

- ATEC 125 Automotive Electrical Systems (4)
- ATEC 127 Electrical, Electronics and Computer Controlled Systems (8)
- ATEC 128 Automotive Testing and Diagnosis (4)

Total units: 16

BUSINESS

Business Administration

The business administration program is designed to provide students with a foundation in basic accounting principles, business law, and macroeconomics and microeconomics theory. Students will be able to apply methodologies to assess fiscal and monetary policy in the marketplace and understand the basics of contract law. A degree in business offers students a wide variety of entry-level career opportunities in accounting, management, marketing, and office administration. Upon successful completion of the program, students will be prepared for entry-level careers and transfer to major in Business Administration. Competencies will be assessed through examination and projects.

The Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AS-T are guaranteed admission to the CSU system, but not to a particular campus or major. In order to earn an AS-T degree, students must complete:

1. Completion of 60 semester units or 90 quarter units of degree-applicable courses that are eligible for transfer to the California State University.
2. Completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
3. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
4. Obtainment of a minimum overall grade point average of 2.0.
5. A grade of "C" (or "P") or better in all courses required for the major or area of emphasis.
6. Students who have completed the AS-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system. Students transferring to a UC, private, or out-of state university should consult with a Compton counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AS-T.

Program Goals and Objectives:

- Vocabulary of Business Terms: Understand and utilize a comprehensive vocabulary of business/marketing terms.
- Oral and Written Communication: Communicate effectively in a variety of business situations both orally and in writing
- Critical Thinking of Business Issues Develop the critical thinking skills necessary to address complex business/marketing issues
- Integrated Business Planning: Demonstrate an understanding of the integrated business/marketing planning process

Program Requirements for AS-T:

Required core: 17-18 units

BUS 101	Financial Accounting (4)
BUS 102	Managerial Accounting (4)
ECON 101	Principles of Economics: Macroeconomics (3)
ECON 102	Principles of Economics: Microeconomics Theory (3)
LAW 104	Legal Environment of Business (4)
or	
LAW 105	Business Law (3)

List A (select one): 4-5 units

MATH 140	Finite Mathematics for Business & Social Sciences (4)
MATH 150	Elementary Statistics with Probability (4)
MATH 165	Calculus for Business and Social Sciences (5)
or	
MATH 190	Variable Calculus and Analytic Geometry I (5)

List B (select two): 6-7 units

CIS 113	Computer Information Systems (3)
BUS 125	Introduction to Business (3)
or	
BUS 128	Written Business Communications (3)
or	
Any 4 unit Mathematic course from List A not already completed	

Total units: 27-30

BUSINESS MANAGEMENT

The program provides students with the opportunity to obtain a degree in business management. The student completing this program will have the ability to organize, operate, and manage business organizations, utilize human resources, improve working relationships, draft letters and reports, and speak in various business situations. Competency will be measured by examinations, presentations, projects, and case problems.

Program Goals and Objectives:

- Vocabulary of Business Terms: Understand and utilize a comprehensive vocabulary of business/marketing terms.
- Oral and Written Communication: Communicate effectively in a variety of business situations both orally and in writing
- Critical Thinking of Business Issues: Develop the critical thinking skills necessary to address complex business/marketing issues
- Integrated Business Planning: Demonstrate an understanding of the integrated business/marketing planning process

Program Requirements for A.S.:

BUS 101	Financial Accounting (4)
or	
BUS 111	Accounting for Small Business (3)
BUS 120	Business Management (3)
BUS 121	Human Resources Management (3)
BUS 122	Human Relations in Organizations (3)
BUS 125	Introduction to Business (3)
BUS 128	Written Business Communications (3)
BUS 129	Oral Business Communications (3)
LAW 105	Business Law (3)
CIS 113	Computer Information Systems (3)

Total Units: 27-28**Recommended Electives:**

BUS 102	Managerial Accounting (4)
BUS 117	Personal finance (3)
BUS 119	Principles of Retailing Management (3)

MARKETING

The program is designed to provide students with the opportunity to obtain a degree or certificate in marketing. The student will explore opportunities in the marketing field, acquire basic marketing terminology, applying marketing concepts to the role of marketing in society and in the business firm, and balance factors that influence marketing decision-making in the global economy. Competency will be measured by examinations, projects, and case problems.

Program Goals and Objectives:

- Vocabulary of Business Terms: Understand and utilize a comprehensive vocabulary of business/marketing terms.
- Oral and Written Communication: Communicate effectively in a variety of business situations both orally and in writing
- Critical Thinking of Business Issues: Develop the critical thinking skills necessary to address complex business/marketing issues
- Integrated Business Planning: Demonstrate an understanding of the integrated business/marketing planning process.

Program Requirements for A.S.:**Required Core: 21 units**

BUS 112	Advertising (3)
BUS 114	Marketing (3)
BUS 122	Human Relations in Organizations (3)
BUS 125	Introduction to Business (3)
BUS 128	Written Business Communications (3)
CIS 113	Computer Information Systems (3)
LAW 105	Business Law (3)

6-7 units from:

BUS 101	Financial Accounting (4)
or	
BUS 111	Accounting for Small Business (3)
BUS 119	Principles of Retailing Management (3)
or	
BUS 124	Small Business Entrepreneurship (3)

Total Units: 27-28**Business Management – Certificate of Achievement**

The Business Management certificate of achievement provides students with the opportunity to obtain a degree or certificate in business management. The student completing this program will have the ability to organize, operate, and manage business organizations, utilize human resources, improve working relationships, draft letters and reports, and speak in various business situations. Competency will be measured by examinations, presentations, projects, and case problems.

Program Goals and Objectives:

Upon completion of the program, students are able to:

- Identify and understand basic theories, principles, practices, and terminology related to business and management.
- Demonstrate effective leadership, teamwork, and communication skills, while possessing proficient oral, written, and non-verbal techniques to gather and present information.
- Utilize technology, theoretical concepts, and analytical skills to assist with business management related problem solving and decision-making.
- Demonstrate an understanding of the integrated business/marketing planning process.

NOTE: TRANSFER – Students interested in transferring to a four-year college or university should visit the Transfer Center or meet with a counselor to select appropriate transferable courses.

Program Requirement

BUS 120	Business Management (3)
BUS 121	Human Resources Management (3)
BUS 122	Human Relations in Organizations (3)
BUS 125	Introduction to Business (3)
BUS 128	Written Business Communications (3)
BUS 129	Oral Business Communications (3)

Total Units: 18**Retail Management –
Certificate of Achievement**

The Retail Management certificate of achievement is a comprehensive college program designed to prepare current and future retail employees for a fast-paced and competitive retail environment. This program—designed in collaboration with retail industry leaders—will provide the student with the competencies required to succeed at the management level within the dynamic retail industry.

Program Goals and Objectives:

Upon completion of the program, students are able to:

- Identify and understand basic theories, principles, practices, and terminology related to business and management.
- Demonstrate effective leadership, teamwork, and communication skills, while possessing proficient oral, written, and non-verbal techniques to gather and present information.
- Utilize technology, theoretical concepts, and analytical skills to assist with business management related problem-solving and decision making.

NOTE: TRANSFER – Students interested in transferring to a four-year college or university should visit the University Transfer Center or meet with a counselor to select appropriate transferable courses.

Program Requirements:

BUS 101	Financial Accounting (4)
or	
BUS 111	Accounting for Small Business (3)
BUS 114	Marketing (3)
BUS 119	Principles of Retailing Management (3)
BUS 120	Business Management (3)
BUS 121	Human Resources Management (3)
BUS 122	Human Relations in Organizations (3)
BUS 129	Oral Business Communications (3)
CIS 113	Computer Information Systems (3)

Total Units: 24-25**Marketing – Certificate of Achievement**

The Marketing certificate of achievement is a Career Technical Education (CTE) program, which provides students with credentials that are the key to individual self-efficacy and a meaningful career. Mastery of this curriculum will help students lay the groundwork for managerial competence in the global marketplace. Marketing education also helps students understand basic management functions, their interrelationships, and the organization's competitive niche. There are numerous career opportunities that exist in the Business Field including Industry, Government, and Self-Employment. A minimum of 12 units must be completed at Compton College. Students who anticipate employment with large businesses are advised to take Business 112. Those interested in smaller enterprises should complete Business 124.

Program Goals and Objectives:

- Understand and utilize a comprehensive vocabulary of business/marketing terms.
- Communicate effectively in a variety of business situations both orally and in writing.
- Develop the critical thinking skills necessary to address complex business marketing issues.
- Demonstrate an understanding of the integrated business/marketing planning process.

Program Requirements:

BUS 101	Financial Accounting (4)
or	
BUS 111	Accounting for Small Business (3)
BUS 112	Advertising (3)
or	
BUS 124	Small Business Entrepreneurship (3)
BUS 114	Marketing (3)
BUS 122	Human Relations in Organizations (3)
BUS 125	Introduction to Business (3)
BUS 127	Effective English for Business (3)
or	
BUS 128	Written Business Communications (3)
BUS 129	Oral Business Communications (3)
LAW 105	Business Law (3)

Total Units: 24-25

CHILD DEVELOPMENT

The child development program prepares students for careers in private or public programs serving infants, toddlers, preschoolers, children with special needs, or children in before and after school care. Students will acquire the ability to apply developmental theories in observing and assessing children in physical, cognitive, and psychosocial domains and will develop skills needed for working effectively with families, co-workers, and community agencies. Students will also gain the ability to design, implement, and evaluate developmentally appropriate and culturally sensitive curriculum. Program assessment will be conducted regularly through examinations, presentations, student self-assessment, portfolios, and tracking student employment and promotion in the teaching field.

Program Goals and Objectives:

Upon successful completion of degree or certificate program, students are able to:

- **Integrated Understanding of Children's Needs:** Students integrate an understanding of the needs, characteristics and multiple influences on the development of children ranging from birth to adolescence as related to high quality care and education
- **Designing Environments for Children:** Students design, implement and evaluate environments and activities that support positive developmental play and learning outcomes for all children.
- **Effective Guidance and Assessment:** Students apply effective observation, assessment, guidance and interaction strategies that support all children's social and emotional development



Program Requirements for A.A.:

Required Core: 18 units

- CDEV 103 Child Growth and Development (3)
 CDEV 104 The Home, The School, The Community (3)
 CDEV 108 Principles and Practices of Teaching Young Children (3)
 CDEV 112 Teaching Young Children in a Diverse Society (3)
 CDEV 114 Observing and Assessing Young Children (3)
 CDEV 150 Introduction to Children with Special Needs (3)
 or
 CDEV 152 Curriculum and Strategies for Children with Special Needs (3)

6 units from:

- CDEV 115 Introduction to Curriculum (3)
 CDEV 116 Creative Art for Young Children (3)
 CDEV 117 Music and Movement for Young Children (3)
 CDEV 118 Science and Math for Young Children (3)
 CDEV 119 Language Arts for Young Children (3)

3 units from:

- CDEV 106 Care and Education for Infants and Toddlers (3)
 CDEV 107 Infant/Toddler Development (3)
 CDEV 110 Child Health, Safety, and Nutrition (3)
 CDEV 115 Introduction to Curriculum (3)
 CDEV 116 Creative Art for Young Children (3)
 CDEV 117 Music and Movement for Young Children (3)
 CDEV 118 Science and Math for Young Children (3)
 CDEV 119 Language Arts for Young Children (3)
 CDEV 125 Child Development Practicum I (3)
 CDEV 126 Child Development Practicum II (3)
 CDEV 129 Introduction to Program Administration (3)
 CDEV 130 Principles of Program Administration (3)
 CDEV 131 Supervising and Mentoring Adults (3)
 CDEV 150 Introduction to Children with Special Needs (3)
 CDEV 152 Curriculum and Strategies for Children with Special Needs (3)
 CDEV 154 Role and Responsibilities of the Special Education Assistant (3)
 CDEV 165 Autism, ADHD, Physical and Health Impairments (3)
 CDEV 169 Special Education Practicum (3)
 NFOO 115 Nutrition for Infants and Young Children (3)

Total Units: 27

EARLY CHILDHOOD EDUCATION

The program prepares students for careers in private or public programs serving infants, toddlers, preschoolers, children with special needs, or children in before and after school care. The transfer degree option prepares students to continue studies at a four-year institution and major in Child Development, Child and Adolescent Development, Human Development, or Education. Students will acquire the ability to apply developmental theories in observing and assessing children in physical, cognitive, and psychosocial domains and will develop skills needed for working effectively with families, coworkers, and community agencies. Upon successful completion of the program, students will be prepared for careers in child care with infants and toddlers, preschool teaching, assistant teaching, and related careers in childhood education. Program assessment will be conducted regularly through examinations, presentations, student self-assessment, portfolios, and tracking student employment and promotion in the teaching field.

The Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AS-T are guaranteed admission to the CSU system, but not to a particular campus or major. In order to earn an AS-T degree, students must complete:

1. Completion of 60 semester units or 90 quarter units of degree-applicable courses that are eligible for transfer to the California State University.
2. Completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
3. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
4. Obtainment of a minimum overall grade point average of 2.0.
5. A grade of "C" (or "P") or better in all courses required for the major or area of emphasis.

Students who have completed the AS-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system. Students transferring to a UC, private, or out-of-state university should consult with a Compton counselor when planning to complete

the degree since transfer requirements may be slightly different than those required for the AS-T.

Program Requirements for AS-T:

Required Core: 18 units

CDEV 103	Child Growth and Development (3)
CDEV 104	The Home, The School, The Community (3)
CDEV 108	Principles and Practices of Teaching Young Children (3)
CDEV 110	Child Health, Safety, and Nutrition (3)
CDEV 112	Teaching Young Children in a Diverse Society (3)
CDEV 114	Observing and Assessing Young Children (3)
CDEV 115	Introduction to Curriculum (3)
CDEV 125	Child Development Practicum I (3)
or	
CDEV 126	Child Development Practicum II (3)

Total Units: 24

Early Childhood Education – Certificate of Achievement

The certificate in Early Childhood Education prepares students to be competent and effective caregivers in settings for young children ages 0-5. It is designed to meet the minimum requirements of the Department of Social Services to teach in licensed private preschools and childcare programs. This is an entry-level career choice. The certificate can be earned with coursework, which include core and prerequisite courses, with a minimum grade of "C" in each course requirement. This certificate also meets some of the coursework requirements for the Associate Teacher level of the California State Child Development Permit but additional work experience with young children (50 days or 3+ hours per day within 2 years) is also required for the state permit.

Note: Proof of a valid Pediatric CPR and First Aid Certification and immunizations may be required for employment.

Program Requirements:

Required Core: 15 units

CDEV 103	Child Growth and Development (3)
CDEV 104	The Home, The School, The Community(3)
CDEV 108	Principles and Practices of Teaching Young Children (3)
CDEV 112	Teaching Young Children in a Diverse Society (3)
CDEV 114	Observing and Assessing Young Children (3)

3 units from:

CDEV 115	Introduction to Curriculum (3)
CDEV 116	Creative Art for Young Children (3)

- CDEV 117 Music and Movement for Young Children (3)
 CDEV 118 Science and Math for Young Children (3)
 CDEV 119 Language Arts for Young Children (3)
Total Units: 18

Early Intervention Assistant – Certificate of Achievement

The certificate for Early Intervention Assistant affords students career placements in public and/or private early intervention and educational settings that service typically and atypically developing young children. Specific jobs and responsibilities may include serving as a special education assistant for children birth to five years of age, a one-to-one aide to a child, regular classroom aide with expertise in special needs, or as an assistant to the early intervention team for children ages 0-5. These students can work with young children with disabilities or who may be at-risk for developmental delays and disabilities.

Note: Proof of a valid Pediatric CPR and First Aid Certification and immunizations may be required for employment.

Program Requirements: Required Core: 21 units

- CDEV 103 Child Growth and Development (3)
 CDEV 104 The Home, The School, The Community(3)
 CDEV 106 Care and Education for Infants and Toddlers (3)
 or
 CDEV 107 Infant/Toddler Development (3)
 CDEV 110 Child Health, Safety, and Nutrition (3)
 CDEV 150 Introduction to Children with Special Needs (3)
 CDEV 152 Curriculum and Strategies for Children with Special Needs (3)
 CDEV 169 Special Education Practicum (3)
6 units from:
 CDEV 115 Introduction to Curriculum (3)
 CDEV 116 Creative Art for Young Children (3)
 CDEV 117 Music and Movement for Young Children (3)
 CDEV 118 Science and Math for Young Children (3)
 CDEV 119 Language Arts for Young Children (3)
3 units from:
 CDEV 106 Care and Education for Infants and Toddlers (3)
 CDEV 107 Infant/Toddler Development (3)
 CDEV 114 Observing and Assessing Young Children (3)
 CDEV 165 Autism, ADHD, Physical and Health Impairments (3)
Total Units: 30

Special Education Assistant – Certificate of Achievement

The certificate for Special Education Assistant prepares students to individualize lesson plans and instructions to meet the needs of those with varying disabilities. Aides or assistants will be able to work with children with diverse learning needs and their families and adapt or modify according to their respective situations. Students will learn federal and state laws to ensure that all children with disabilities are provided a free and appropriate public education.

Note: Proof of a valid Pediatric CPR and First Aid Certification and immunizations may be required for employment.

Program Requirements: Required Core: 18 units

- CDEV 103 Child Growth and Development (3)
 CDEV 104 The Home, The School, The Community (3)
 CDEV 110 Child Health, Safety, and Nutrition (3)
 CDEV 150 Introduction to Children with Special Needs (3)
 CDEV 152 Curriculum and Strategies for Children with Special Needs (3)
 or
 CDEV 165 Autism, ADHD, Physical and Health Impairments (3)
 CDEV 169 Special Education Practicum (3)
3 units from:
 CDEV 115 Introduction to Curriculum (3)
 CDEV 116 Creative Art for Young Children (3)
 CDEV 117 Music and Movement for Young Children (3)
 CDEV 118 Science and Math for Young Children (3)
 CDEV 119 Language Arts for Young Children (3)
6 units from:
 CDEV 108 Principles and Practices of Teaching Young Children (3)
 CDEV 112 Teaching Young Children in a Diverse Society (3)
 CDEV 114 Observing and Assessing Young Children (3)
 CDEV 152 Curriculum and Strategies for Children with Special Needs (3)
 CDEV 165 Autism, ADHD, Physical and Health Impairments (3)
 NFOO 115 Nutrition for Infants and Young Children (3)
 SLAN 111 American Sign Language I (4)
Total Units: 27

COMMUNICATIONS STUDIES

The degree provides students with a thorough foundation in the theory and practice of communication studies. This is achieved through a variety of courses that serve to develop personal, business, and professional communication skills in individual, interpersonal, and group situations, along with skills in research, organization, critical thinking, argumentation, and forensics. Students will demonstrate their proficiency through performance, class projects, research papers, objective tests, critiques, and competitions. Program assessment is measured by completion, evaluation of student learning outcomes, transferability, competitions at the local, state, and national levels, and periodic program review.

The Associate of Arts for Transfer (AA-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AA-T are given priority consideration for admission to the CSU system, but not to a particular campus or major. In order to earn an AA-T degree, students must complete:

1. Completion of 60 semester units or 90 quarter units of degree-applicable courses that are eligible for transfer to the California State University.
2. Completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
3. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
4. Obtainment of a minimum overall grade point average of 2.0.
5. A grade of "C" (or "P") or better in all courses required for the major or area of emphasis.

Students who have completed the AA-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system. Students transferring to a UC, private, or out-of-state university should consult with a Compton College counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AA-T.

Program Goals and Objectives:

Upon completion of the program, students should be able to

- Ethos, Pathos, and Logos: Conduct sound research and describe and demonstrate basic concepts of rhetorical theory related to ethos, pathos and logos.
- Symbolic Nature: Explain the symbolic nature of communication and how culture influences communication in individual, group, and business interactions.
- Verbal and Non-verbal Communication: Demonstrate advanced proficiency in verbal and non-verbal communication skills in speech and forensics settings.

Program Requirements for AA-T:

Required Core: 3 units

COMS 100 Public Speaking (3)

List A: 6 units

COMS 120 Argumentation and Debate (3)

COMS 130 Interpersonal Communication (3)

COMS 140 Small Group Communication (3)

List B: 6 units

Any course from List A not already completed

COMS 250 Oral Interpretation of Literature (3)

COMS 260 Introduction to Intercultural Communication (3)

List C: 3 units

Any course from List A or List B not already completed

ANTH 102 Introduction to Cultural Anthropology (3)

ANTH 104 Language and Culture (3)

COMS 270 Organizational Communication (3)

ENGL 102 Literature and Composition (3)

or

ENGL 102H Honors Literature and Composition (3)

PSYC 101 General Psychology (3)

SOCI 101 Introduction to Sociology (3)

Total units: 18

COMPUTER INFORMATION SYSTEMS

The program is intended for students interested in information systems and can lead to career opportunities as software specialists, web programmers, database developers, systems analysts, or network administrators. A variety of courses will enable students to learn project management, perform systems analysis and design, create business software including websites, desktop applications, mobile apps, manage business data using spreadsheets and databases, implement cybersecurity measures, handle help desk incident reports, and install and maintain small and large LANs (local area networks). Students will demonstrate their proficiency through performance in laboratory exercises and objective examinations. Program assessment is measured by program completion and periodic program review.

Program Goals and Objectives:

Upon the completion of a course of study in Computer Information Systems students will be able to

- Professional Awareness: Explain ethical, legal and societal implications inherent in information technology and understand the professional responsibilities of a computer professional
- Business Communication: Demonstrate proficiency in common industry software applications, cyber applications and Network security to effectively analyze business problems and communicate decisions
- Skill Development: Demonstrate the ability to use computer information concepts and critical thinking skills to analyze business problems, and design, develop and implement appropriate software solutions, using a variety of software tools and computer languages.

Program Requirements for A.S. degree: Required Core: 9 units

CIS 113 Computer Information Systems (3)
CIS 120 Internet, Social Networking,
and the Web (3)
CIS 126 Systems Analysis and Design (3)

6 units from:

CIS 116 Using Microsoft Excel (3)
CIS 119 Database Management Using
Microsoft Access (3)

or

CIS 140 Introduction to Networks Cisco 1 (3)
CIS 141 Routing and Switching Essentials
Cisco 2 (3)

Select one of the following groups of courses: 9-14 units

Help Desk:

BUS 127 Effective English for Business (3)
CIS 131 Help Desk Operations (3)
CIS 132 Personal Computer Support
and Networking(3)

Mobile and Web Programming:

CIS 124 Introduction to Electronic Commerce (3)
CIS 170 Mashup JavaScript, jQuery and AJAX (4)
CIS 174 ASP.NET with C# Business
Web Programming (4)
CIS 176 Building Mobile Apps (3)

Total Units: 24-29

Computer Systems Applications – Certificate of Achievement

Program Description: The Computer Systems Applications certificate of achievement is intended for students interested in information systems, and can lead to career opportunities as software specialists, web programmers, database developers, systems analysts or network administrators. The variety of courses will enable students to learn project management, perform systems analysis and design, create business software including websites, desktop applications, mobile apps, manage business data using spreadsheets and databases, implement cybersecurity measures, handle help desk incident reports, and install and maintain small and large LANs (local area networks). Students will demonstrate their proficiency through performance in laboratory exercises and objective examinations. Program assessment is measured by program completion and periodic program review.

Program Requirements:

Required Core: 15 units

CIS 113 Computer Information Systems (3)
CIS 116 Using Microsoft Excel (3)
CIS 119 Database Management Using
Microsoft Access (3)
CIS 120 Internet, Social Networking,
and the Web (3)
CIS 126 Systems Analysis and Design (3)

Programming: 3-4 units

CIS 160	Application Development and Programming Using Visual Basic.Net (3)
CIS 170	Mashup JavaScript, jQuery and AJAX (4)
CIS 174	ASP.NET with C# Business Web Programming (4)
CIS 176	Building Mobile Apps (3)

User Support: 3 units

CIS 131	Help Desk Operations (3)
CIS 132	Personal Computer Support and Networking (3)

Total Units: 21-22**COSMETOLOGY**

The cosmetology program offers students the option to gain proficiency in hair cutting, coloring, permanent waving, chemical relaxing, manicuring, pedicuring, and facials. After completing introduction to cosmetology, Cosmetology Level I (Certificate of Accomplishment), students will have the basic skills for entry level positions as specified by the State Board of Cosmetology. Cosmetology Level II (Certificate of Achievement) will give the student intermediate skills to work in the cosmetology industry. Completion of Cosmetology Level III (Associate of Science) will give students 1600 hours and prepares them to take the California State Board of Cosmetology Examination. Competencies are assessed regularly in compliance with the California State Board of Cosmetology criteria. After successful completion of the California State Board of Cosmetology Examination, students will have a state license to embark on their new career.

Program Goals and Objectives:

Upon completion of the program, students will

- Licensure Exam: Pass the written portion of the California State Board of Cosmetology Licensure Examination with a score of 70% or higher.
- Cosmetology Practicum: Perform a permanent wave procedure on a mannequin, following manufacturer's directions for applying the waving solution and neutralizer to hair.
- Advanced Cosmetology: Perform three unique haircuts requested by salon owners as part of the interview/hiring process.

Program Requirements for A.S. Degree:**13 units from:**

COSM 101	Introduction to Cosmetology Procedures (13)
or	
COSM 104	Introduction to Cosmetology I (6.5)
COSM 105	Introduction to Cosmetology II (6.5)

28-29 units from:

COSM 110	Intermediate Cosmetology (8)
COSM 112	Advanced Cosmetology (8)
COSM 114	Advanced Cosmetology and Introduction to State Board Review (8)
COSM 116	Advanced Preparation for State Board Review (8)
COSM 130	Advanced Cosmetology Applications (5)
or	
COSM 140	Cosmetology Practicum (4)

Total Units: 41-42**Cosmetology Level II – Certificate of Achievement**

Program Description: The Cosmetology Level II certificate of achievement gives students 1600 hours prepares them to take the California State Board of Cosmetology Examination. Competencies are assessed regularly in compliance with the California State Board of Cosmetology criteria. After successful completion of the California State Board of Cosmetology Examination, students will have a state license to embark on their new career.

Program Requirements:**Required Core: 13 units**

COSM 101	Introduction to Cosmetology Procedures (13)
or	
COSM 104	Introduction to Cosmetology I (6.5)
COSM 105	Introduction to Cosmetology II (6.5)
Completion of Level I Certificate of Accomplishment	

28-29 units from:

COSM 110	Intermediate Cosmetology (8)
COSM 112	Advanced Cosmetology (8)
COSM 114	Advanced Cosmetology and Introduction to State Board Review (8)
COSM 116	Advanced Preparation for State Board Review (8)
COSM 130	Advanced Cosmetology Applications (5)
or	
COSM 140	Cosmetology Practicum (4)

Total Units: 41-42

ENGLISH

The English program develops the student's ability to read both prose and poetry with understanding and discernment. The student will acquire competence in writing college-level expository essays and applying research strategies. The student will also develop interpretive and analytical skills through exposure to a wide range of literature. Competencies will be assessed primarily by evaluating the student's critical thinking abilities as demonstrated through written work. Completion of the program prepares the English major for any profession or industry requiring strong communication skills as well as transfer.

The Associate of Arts for Transfer (AA-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AA-T are given priority consideration for admission to the CSU system, but not to a particular campus or major. In order to earn an AA-T degree, students must complete:

1. Completion of 60 semester units or 90 quarter units of degree-applicable courses that are eligible for transfer to the California State University.
2. Completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
3. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
4. Obtainment of a minimum overall grade point average of 2.0.
5. A grade of "C" (or "P") or better in all courses required for the major or area of emphasis.

Students who have completed the AA-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system. Students transferring to a UC, private, or out-of-state university should consult with a Compton College counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AA-T.

Program Goals and Objectives:

- **Composition Writing:** Students will demonstrate readiness for transfer-level composition courses by composing an appropriately developed expository message that integrates and documents sources. The essay should include an introduction with a thesis, body paragraphs with topic sentences, a conclusion and a Works Cited page, and be relatively free of errors in grammar and mechanics.
- **Literary Knowledge:** Students will demonstrate knowledge of literary elements, and familiarity with authors and cultural contexts of representative works.
- **MLA Formatting:** Students will create a thesis-driven, coherent, unified, and well developed essay in MLA format that demonstrates reading and writing competency at the transfer level.
- **Creative Writing Process:** Students will demonstrate knowledge of the creative writing process, an understanding of a variety of creative writing conventions, the ability to critique the work of others, and the ability to produce and revise their own written work within a specific creative genre.
- **Analysis and Comprehension Skills:** Students will give evidence of preparedness for transfer-level composition courses by successfully comprehending and analyzing essay-length non-fiction texts written for college-bound readers at both literal and critical levels of meaning.

Program Requirements for AA-T Degree:

Required Core: 6 units

- ENGL 102 Literature and Composition (3)
 ENGL 102H Honors Literature and Composition (3)
 ENGL 103 Critical Thinking and Composition (3)
 ENGL 103H Honors Critical Thinking
 and Composition (3)

List A: 6 units

- ENGL 150 Survey of British Literature I (3)
 ENGL 152 Survey of British Literature II (3)
 ENGL 240 American Literature I (3)
 ENGL 241 American Literature II (3)

List B: 3 units

Any course from List A not already completed

- ENGL 123 Creative Writing: Introduction to Poetry (3)
 ENGL 127 Creative Writing: Introduction to the Craft of Fiction (3)
 ENGL 242 Chicano and Latino Literature (3)
 ENGL 243 African American Literature (3)
 ENGL 244 The Literature of American Ethnic Groups (3)

List C: 3-4 units**Any course from List A or List B not already completed**

ENGL 120	Introduction to Fiction (3)
ENGL 200	Shakespeare's Plays – Tragedies and Romances (3)
ENGL 227	Children's Literature (3)
ENGL 228	Images of Women in Literature (3)
ENGL 235	Creative Writing: Screenwriting (3)
ENGL 238	Survey of Film: 1950 to the Present (3)
ENGL 239	Literature and Film (3)
ENGL 248	Modern Literature of Latin America (3)
HUM 101	An Introduction to the Humanities (3)
JAPA 101	Elementary Japanese I (4)
JAPA 102	Elementary Japanese II (4)
JOUR 101	News Writing and Reporting (3)
SPAN 101	Elementary Spanish I (4)
SPAN 102	Elementary Spanish II (4)
SPAN 103	Intermediate Spanish I (4)
SPAN 104	Intermediate Spanish II (4)
SPAN 105	Advanced Spanish I (3)
SPAN 106	Advanced Spanish II (3)
SPAN 152	Spanish for Native Speakers I (4)
SPAN 153	Spanish for Native Speakers II (4)

Total Units: 18-19**ETHNIC STUDIES**

The degree in ethnic studies provides students with an interdisciplinary foundation for the study of American ethnic groups. The degree can be earned in a single ethnic subject category or in the combined American cultures option. The curriculum incorporates a range of cultural, historical, political, and sociological methodologies that provide students with a theoretical framework for analysis of the contributions, role and major issues of African Americans and Chicanos. Students will apply these theoretical perspectives to analyze socioeconomic and political factors that confront ethnic minorities as they interact with the majority society. Competencies will be assessed through examinations, essays, research papers, and directed projects.

Program Goals and Objectives:

Upon completion of a course of study in the social sciences programs, students will be able to

- Analysis of Written or Oral Thesis: Analyze in a written or oral thesis the theoretical and conceptual social science constructs applied to contemporary issues relative to the specific disciplines of Anthropology, Ethnic Studies, Economics, Sociology, and Women's Studies.
- Critical Thinking methodology: Apply critical thinking methodology that is consistent within the specific discipline of the program.
- Formulate Research: Formulate research that is designed to examine social issues in a specific discipline of the program.

Program Requirements for A.A in African American Studies Options:**Required Core: 18 units**

ENGL 243	African American Literature (3)
ESTU 101	Introduction to Ethnic Studies (3)
HIST 110	The African American in the United States to 1877 (3)
HIST 111	The African American in the United States from 1877 to the Present (3)
HIST 183	Introduction to African History, Prehistory to 1885 (3)
PSYC 110	African American Psychology (3)

3 units from:

ART 209	History of African Art (3)
ENGL 244	The Literature of American Ethnic Groups (3)
HIST 122	United States Social History: Cultural Pluralism in America (3)
HIST 184	Introduction to African History, 1885 to the Present (3)
MUSI 113	Survey of Jazz (3)
POLI 105	Ethnicity in the American Political Process (3)
SOCI 104	Social Problems (3)
SOCI 107	Issues of Race and Ethnicity in the United States (3)

Total Units: 21

Program Requirements for the A.A. in American Cultures Options:

Required Core: 3 units

ESTU 101 Introduction to Ethnic Studies (3)

15 units from:

ANTH 106 Native Peoples of North America (3)
 ART 207 Art History of Mexico and Central and South America (3)
 ENGL 242 Chicano and Latino Literature (3)
 ENGL 243 African American Literature (3)
 ENGL 244 The Literature of American Ethnic Groups (3)
 ESTU 103 The Chicano in Contemporary United States Society (3)
 ESTU 105 Chicano Culture (3)
 HIST 108 United States History: The American Indian Experience (3)
 HIST 110 The African American in the United States to 1877 (3)
 HIST 111 The African American in the United States from 1877 to the Present (3)
 HIST 112 History of the Chicano in the United States (3)
 HIST 122 United States Social History: Cultural Pluralism in America (3)
 PSYC 110 African American Psychology (3)
 SOCI 107 Issues of Race and Ethnicity in the United States (3)

3 units from:

ANTH 102 Introduction to Cultural Anthropology (3)
 HIST 154 A History of Mexico (3)
 HIST 175 History of Asian Civilizations to 1600 (3)
 HIST 176 History of Asian Civilizations from 1600 to the Present (3)
 HIST 183 Introduction to African History, Prehistory to 1885 (3)
 HIST 184 Introduction to African History, 1885 to the Present (3)
 MUSI 113 Survey of Jazz (3)
 POLI 105 Ethnicity in the American Political Process (3)
 SOCI 104 Social Problems (3)

Total Units: 21

Program Requirements for A.A. in Chicano Studies Option:

Required Core: 18 units

ART 207 Art History of Mexico and Central and South America (3)
 ENGL 242 Chicano and Latino Literature (3)
 ESTU 103 The Chicano in Contemporary United States Society (3)
 ESTU 105 Chicano Culture (3)
 HIST 112 History of the Chicano in the United States (3)
 HIST 154 A History of Mexico (3)

3 units from:

ENGL 244 The Literature of American Ethnic Groups (3)
 ESTU 101 Introduction to Ethnic Studies (3)
 POLI 105 Ethnicity in the American Political Process (3)
 SOCI 104 Social Problems (3)
 SOCI 107 Issues of Race and Ethnicity in the United States (3)

Total Units: 21

GENERAL SCIENCES

The general science program provides students the opportunity to investigate diverse methods of inquiry by experiencing courses from a cross section of science disciplines. Students will develop critical thinking skills, learn to communicate effectively in writing, and acquire an understanding of major scientific concepts. Through course options, students will use mathematical concepts to solve problems and employ methods of scientific inquiry to understand the world around them. Completion of the degree requirements will prepare students with the skills and resources needed to facilitate academic and career decisions. Competencies will be assessed through regularly scheduled theory and laboratory examinations.

Program Goals and Objectives:

- Students will trace the development of a scientific idea from gathering of data through development of a hypothesis to testing a prediction.
- Students will make scientific measurements and demonstrate the difference between disagreement and error.
- Students will read a simple graph or diagram and interpret the results appropriately.

Program Requirements for A.S. Degree:**Required Core: 7-10 units****Complete one of the following two-semester sequences:**

- BIOL 101 Principles of Biology I (5)
or
BIOL 101H Honors Principles of Biology I (5)
BIOL 102 Principles of Biology II (5)
or
BIOL 102H Honors Principles of Biology II (5)
or
CHEM 150 General Chemistry I (5)
CHEM 152 General Chemistry II (5)
or
CHEM 120 Survey of General and Organic Chemistry (4)
CHEM 122 Survey of Organic and Biochemistry (4)
or
PHYS 150 Mechanics of Solids (4)
PHYS 152 Fluids, Heat and Sound (3)
or
PHYS 150 Mechanics of Solids (4)
PHYS 250 Electricity and Magnetism (4)
or
PHYS 120 General Physics (4)
PHYS 122 General Physics (4)

Complete an additional 10-13 units from: a minimum of one Physical Science course:

- ASTR 120 The Solar System (3)
or
ASTR 120H Honors The Solar System (3)
ASTR 125 Stars and Galaxies (3)
or
ASTR 125H Honors Stars and Galaxies (3)
ASTR 128 Astronomy Laboratory (1)
CHEM 150 General Chemistry I (5)
CHEM 152 General Chemistry II (5)
CHEM 104 Beginning Chemistry (5)
CHEM 104H Honors Beginning Chemistry (5)
CHEM 120 Survey of General and Organic Chemistry (4)
CHEM 122 Survey of Organic and Biochemistry (4)
GEOG 101 Physical Geography (3)
GEOL 101 Physical Geology (3)
GEOL 102 History of Planet Earth (3)
GEOL 103 Physical Geology Laboratory (1)
GEOL 104 History of Planet Earth Laboratory (1)
GEOL 115 Natural Disasters (3)

a minimum of one Biological Science course:

- ANAT 132 General Human Anatomy (4)
BIOL 100 Fundamentals of Biology (4)
or
BIOL 100H Honors Fundamentals of Biology (4)
BIOL 117 Marine Biology (3)
BIOL 118 Marine Biology Laboratory (1)

- BIOL 101 Principles of Biology I (5)
or
BIOL 101H Honors Principles of Biology I (5)
BIOL 102 Principles of Biology II (5)
or
BIOL 102H Honors Principles of Biology II (5)
MICR 133 General Microbiology (5)
PHYO 131 Human Physiology (4)

Total Units: 20**GENERAL STUDIES A.A.**

The Associate of Arts Degree in General Studies provides students with the opportunity to explore diverse methods of inquiry by selecting courses from a cross section of disciplines in an "area of emphasis" which includes in Arts and Humanities, Fine and Applied Arts, Culture and Communication, Social and Behavior Sciences, Biological and Physical Sciences, and Kinesiology and Wellness. Students will develop critical thinking skills, learn to communicate effectively in writing, acquire an understanding of major concepts to solve problems, and employ methods of scientific inquiry to understand the world around them. Completion of the degree requirements will provide students with the skills and resources needed to make informed academic and career-related decisions.

Completion of the General Studies degree does not guarantee acceptance into a four-year university. Students planning to transfer to a CSU or UC should follow the CSU GE Breadth or IGETC pattern and complete transferable coursework that relates to the major at the CSU or UC campus. For further information and course selection, please consult with an academic counselor.

Arts and Humanities Emphasis

These courses emphasize the appreciation of arts and humanities through cultural activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people through the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation. Students interested in transferring to a four-year university will have a basic foundation for further studies in areas such as arts, communications, English, foreign language, film studies, literature, history, journalism, or philosophy. This emphasis may be useful for students interested in possible career paths in fine arts, education, administration, or public service.

**Program Requirements for AA Degree:
Select 18 units with at least one course in Arts
and one course in Humanities**

Arts:

ART 101	Art and Visual Culture A Global Perspective (3)
ART 102	History of Western Art – Prehistoric to Gothic (3)
ART 103	History of Western Art – Proto-Renaissance to 19th Century (3)
ART 104	History of Western Art – 19th Century to Contemporary Times (3)
ART 109	Contemporary Art in World Cultures (3)
ART 207	Art History of Mexico and Central and South America (3)
ART 209	History of African Art (3)
COMS 250	Oral Interpretation of Literature (3)
DANC 101	Dance Appreciation (3)
DANC 103	History of Dance in the 20th Century (3)
FILM 110	Film Appreciation (3)
FILM 113	Screenplay Analysis (3)
MUSI 101	Music Fundamentals (3)
MUSI 111	Music Appreciation Survey (3)
MUSI 112	Music Cultures of the World (3)
MUSI 113	Survey of Jazz (3)
MUSI 116	History of Rock Music (3)
MUSI 215A	Music History and Literature up to 1750 (3)
MUSI 215B	Music History and Literature – 1750 to Present (3)
THEA 103	Theatre Appreciation (3)
THEA 104	Dramatic Literature (3)
THEA 113	Introduction to Acting (3)

Humanities:

COMS 100	Public Speaking (3)
COMS 120	Argumentation and Debate (3)
COMS 130	Interpersonal Communication (3)
COMS 140	Small Group Communication (3)
COMS 260	Introduction to Intercultural Communication (3)
COMS 270	Organizational Communication (3)
ENGL 102	Literature and Composition (3)
ENGL 102H	Honors Literature and Composition (3)
ENGL 103	Critical Thinking and Composition (3)
ENGL 103H	Honors Critical Thinking and Composition (3)
ENGL 120	Introduction to Fiction (3)
ENGL 123	Creative Writing: Introduction to Poetry (3)
ENGL 127	Creative Writing: Introduction to the Craft of Fiction (3)
ENGL 150	Survey of British Literature I (3)
ENGL 152	Survey of British Literature II (3)
ENGL 200	Shakespeare's Plays – Tragedies and Romances (3)

ENGL 227	Children's Literature (3)
ENGL 228	Images of Women in Literature (3)
ENGL 235	Creative Writing: Screenwriting (3)
ENGL 238	Survey of Film: 1950 to the Present (3)
ENGL 239	Literature and Film (3)
ENGL 240	American Literature I (3)
ENGL 241	American Literature II (3)
ENGL 242	Chicano and Latino Literature (3)
ENGL 243	African American Literature (3)
ENGL 244	The Literature of American Ethnic Groups (3)
HIST 101	United States History to 1877 (3)
HIST 102	United States History from 1877 to the Present (3)
HIST 105	Women and American History from the Colonial Era to 1877 (3)
HIST 106	Women and American History from 1877 to the Present (3)
HIST 108	United States History: The American Indian Experience (3)
HIST 110	The African American in the United States to 1877 (3)
HIST 111	The African American in the United States from 1877 to the Present (3)
HIST 112	History of the Chicano in the United States (3)
HIST 122	United States Social History: Cultural Pluralism in America (3)
HIST 128	History of California (3)
HIST 129	History of Los Angeles (3)
HIST 140	History of Early Civilizations (3)
HIST 141	History of Modern Civilizations (3)
HIST 145	History of World Religions (3)
HIST 152	History of Latin America Through Independence (3)
HIST 154	A History of Mexico (3)
HIST 175	History of Asian Civilizations to 1600 (3)
HIST 176	History of Asian Civilizations from 1600 to the Present (3)
HIST 183	Introduction to African History, Prehistory to 1885 (3)
HIST 184	Introduction to African History, 1885 to the Present (3)
HUMA 101	An Introduction to the Humanities (3)
JAPA 101	Elementary Japanese I (4)
JAPA 102	Elementary Japanese II (4)
JOUR 101	News Writing and Reporting (3)
JOUR 112	Mass Media and Society (3)
PHIL 101	Introduction to Philosophy (3)
PHIL 103	Ethics and Society (3)
PHIL 105	Critical Thinking and Discourse (3)
PHIL 106	Introduction to Symbolic Logic (3)
PHIL 111	History of Ancient and Medieval Philosophy (3)
PHIL 112	History of Modern Philosophy (3)
PHIL 115	Existentialism (3)
POLI 107	Political Philosophy (3)

SLAN 111	American Sign Language I (4)
SLAN 112	American Sign Language II (4)
SLAN 113	American Sign Language III (4)
SLAN 114	American Sign Language IV (4)
SLAN 115	American Sign Language V (4)
SLAN 130	Deaf Culture (3)
SPAN 101	Elementary Spanish I (4)
SPAN 102	Elementary Spanish II (4)
SPAN 103	Intermediate Spanish I (4)
SPAN 104	Intermediate Spanish II (4)
SPAN 105	Advanced Spanish I (3)
SPAN 106	Advanced Spanish II (3)
SPAN 152	Spanish for Native Speakers I (4)
SPAN 153	Spanish for Native Speakers II (4)

Total Units: 18

Biological and Physical Sciences Emphasis

These courses emphasize the physical universe, its life forms, and its natural phenomena. Courses in the sciences will help students develop an understanding of the scientific method and the relationship between science and other human activities. Students transferring to a four-year university will have a basic foundation for further studies in areas such as biology (biochemistry, biophysics, molecular and cell biology, marine biology, microbiology), chemistry, physical and earth sciences (astronomy, geology, physical geography, oceanography), or physics. This emphasis may be useful for students interested in possible career paths in life sciences, physiology, exercise science, physical sciences, or earth sciences. Select 18 units with at least one course in Biological Sciences and one course in Physical Sciences.

**Program Requirements for AA Degree:
Select 18 units with at least one
course in Biological Sciences and one
in Physical Sciences.**



Biological Sciences:

ANAT 130	Essentials of Anatomy and Physiology (4)
ANAT 132	General Human Anatomy (4)
APHY 134	Anatomy and Physiology I (4)
APHY 135	Anatomy and Physiology II (4)
ANTH 101	Introduction to Physical Anthropology (3)
BIOL 100	Fundamentals of Biology (4)
	or
BIOL 100H	Honors Fundamentals of Biology (4)
BIOL 101	Principles of Biology I (5)
BIOL 102	Principles of Biology II (5)
BIOL 103	Fundamentals of Molecular Biology (3)
BIOL 115	Environmental Aspects of Biology (3)
BIOL 117	Marine Biology (3)
BIOL 118	Marine Biology Laboratory (1)
MICR 133	General Microbiology (5)
PHYO 131	Human Physiology (4)
PSYC 107	Physiological Psychology (3)

Physical Science:

ASTR 120	The Solar System (3)
	or
ASTR 120H	Honors The Solar System (3)
ASTR 125	Stars and Galaxies (3)
ASTR 128	Astronomy Laboratory (1)
CHEM 102	Fundamentals of Chemistry (5)
CHEM 104	Beginning Chemistry (5)
CHEM 120	Survey of General and Organic

Chemistry (4)

CHEM 122	Survey of Organic and Biochemistry (4)
CHEM 150	General Chemistry I (5)
CHEM 152	General Chemistry II (5)
CHEM 210	Organic Chemistry I (5)
CHEM 212	Organic Chemistry II (5)
GEOG 101	Physical Geography (3)
GEOG 106	Physical Geography Laboratory (1)
GEOG 109	Weather and Climate (3)
GEOL 101	Physical Geology (3)
GEOL 102	History of Planet Earth (3)
GEOL 103	Physical Geology Laboratory (1)
GEOL 104	History of Planet Earth Laboratory (1)
GEOL 106	Earth Science in Education (4)
GEOL 115	Natural Disasters (3)
PHYS 111	Descriptive Introduction to Physics (3)
PHYS 112	Laboratory for Introductory Physics (1)
PHYS 120	General Physics (4)
PHYS 122	General Physics (4)
PHYS 150	Mechanics of Solids (4)
PHYS 152	Fluids, Heat and Sound (3)
PHYS 250	Electricity and Magnetism (4)
PHYS 252	Optics and Modern Physics (4)
PSCI 125	Exploring Physical Sciences (3)

Total Units: 18

Culture and Communications Emphasis

These courses will emphasize the study of communication, culture, and the skills needed to communicate effectively in oral, written, or visual forms. Students transferring to a four-year university will have a basic foundation for further studies in communication studies, media studies, journalism, English, or modern languages. This emphasis may be useful for students interested in possible career paths in broadcasting, public relations, advertising, journalism, interpreter, photography, technical writing, or radio and television.

Program Requirements for AA Degree: Select 18 units from at least two disciplines.

ANTH 104	Language and Culture (3)
COMS 100	Public Speaking (3)
COMS 120	Argumentation and Debate (3)
COMS 130	Interpersonal Communication (3)
COMS 140	Small Group Communication (3)
COMS 260	Introduction to Intercultural Communication (3)
COMS 270	Organizational Communication (3)
ENGL 102	Literature and Composition (3)
ENGL 102H	Honors Literature and Composition (3)
ENGL 103	Critical Thinking and Composition (3)
ENGL 103H	Honors Critical Thinking and Composition (3)
ENGL 120	Introduction to Fiction (3)
ENGL 123	Creative Writing: Introduction to Poetry (3)
ENGL 127	Creative Writing: Introduction to the Craft of Fiction (3)
ENGL 150	Survey of British Literature I (3)
ENGL 152	Survey of British Literature II (3)
ENGL 200	Shakespeare's Plays – Tragedies and Romances (3)
ENGL 227	Children's Literature (3)
ENGL 228	Images of Women in Literature (3)
ENGL 235	Creative Writing: Screenwriting (3)
ENGL 238	Survey of Film: 1950 to the Present (3)
ENGL 239	Literature and Film (3)
ENGL 240	American Literature I (3)
ENGL 241	American Literature II (3)
ENGL 242	Chicano and Latino Literature (3)
ENGL 243	African American Literature (3)
ENGL 244	The Literature of American Ethnic Groups (3)
FILM 122	Production I (3)
FILM 124	Production Planning (3)
FILM 128	Television Production (3)
FILM 232	Production II (3)
JAPA 101	Elementary Japanese I (4)
JAPA 102	Elementary Japanese II (4)

JOUR 101	News Writing and Reporting (3)
JOUR 112	Mass Media and Society (3)
LIBR 101	Introduction to Library Information Science (1)
LIBR 110	Library Research Using the Internet (1)
SLAN 111	American Sign Language I (4)
SLAN 112	American Sign Language II (4)
SLAN 113	American Sign Language III (4)
SLAN 114	American Sign Language IV (4)
SLAN 115	American Sign Language V (4)
SLAN 130	Deaf Culture (3)
SPAN 101	Elementary Spanish I (4)
SPAN 102	Elementary Spanish II (4)
SPAN 103	Intermediate Spanish I (4)
SPAN 104	Intermediate Spanish II (4)
SPAN 105	Advanced Spanish I (3)
SPAN 106	Advanced Spanish II (3)
SPAN 152	Spanish for Native Speakers I (4)
SPAN 153	Spanish for Native Speakers II (4)

Total Units: 18

Fine and Applied Arts Emphasis

These courses will emphasize the nature of artistic activities and expression of art through analysis, examination, performance, and technical development. Students will incorporate techniques, engage in performance, and learn to value aesthetic understanding and integrate these concepts when constructing value judgments. Students transferring to a four-year university will have a basic foundation for further studies in areas such as architecture, art, digital media, creative writing, dance, film, music, performing arts, photography, studio art, or theatre arts. This emphasis may be useful for students interested in possible career paths in design, graphic arts, visual arts, photography, stage technician, musician, education, television, journalism, or acting. Select 18 units from at least two disciplines.

Program Requirements for AA Degree:**Select 18 units from at least two disciplines.**

ART 101	Art and Visual Culture : A Global Perspective (3)
ART 102	History of Western Art – Prehistoric to Gothic (3)
ART 103	History of Western Art – Proto-Renaissance to 19th Century (3)
ART 104	History of Western Art – 19th Century to Contemporary Times (3)
ART 110	Drawing Fundamentals I (3)
ART 130	Two-Dimensional Design I (3)
ART 141	Digital Art Fundamentals (3)
ART 160	Three-Dimensional Design (3)
ART 207	Art History of Mexico and Central and South America (3)
ART 209	History of African Art (3)
ART 210	Drawing Fundamentals II (3)
ART 219	Watercolor Painting I (3)
ART 222	Fundamentals of Painting I (3)
ART 223	Fundamentals of Painting II (3)
DANC 101	Dance Appreciation (3)
DANC 103	History of Dance in the 20th Century (3)
DANC 120A	Beginning Ballet A (2)
DANC 130A	Beginning Modern Dance A (2)
DANC 140	Jazz Dance I (2)
DANC 220A	Intermediate Ballet A (2)
DANC 230A	Intermediate Modern Dance A (2)
DANC 240	Jazz Dance II (2)
ENGL 123	Creative Writing: Introduction to Poetry (3)
ENGL 127	Creative Writing: Introduction to the Craft of Fiction (3)
ENGL 235	Creative Writing: Screenwriting (3)
FILM 110	Film Appreciation (3)
FILM 113	Screenplay Analysis (3)
FILM 121	Audio Production (3)
FILM 122	Production I (3)
FILM 232	Production II (3)
MUSI 101	Music Fundamentals (3)
MUSI 102A	Beginning Sightsinging (2)
MUSI 102B	Advanced Sightsinging (2)
MUSI 103A	Theory and Musicianship I (4)
MUSI 103B	Theory and Musicianship II (4)
MUSI 111	Music Appreciation Survey (3)
MUSI 112	Music Cultures of the World (3)
MUSI 113	Survey of Jazz (3)
MUSI 116	History of Rock Music (3)
MUSI 120	Voice Class I (2)
MUSI 131A	Beginning Piano I (2)
MUSI 131B	Beginning Piano II (2)

MUSI 203	Theory and Musicianship III (4)
MUSI 215A	Music History and Literature up to 1750 (3)
MUSI 215B	Music History and Literature – 1750 to Present (3)
MUSI 220	Voice Class II (2)
MUSI 231A	Intermediate Piano I (2)
MUSI 231B	Intermediate Piano II (2)
THEA 103	Theatre Appreciation (3)
THEA 104	Dramatic Literature (3)
THEA 113	Introduction to Acting (3)
THEA 114	Fundamentals of Acting (3)
THEA 184	Stagecraft (3)
THEA 185	Introduction to Stage Lighting (3)
THEA 189	Costuming for the Stage (3)
THEA 217	Intermediate Acting (3)

Total Units: 18**Kinesiology and Wellness Emphasis**

These courses emphasize lifelong understanding and the development of a student's physiological, psychological, and social well-being. Students transferring to a four-year university will have a basic foundation for further studies in areas such as physical education, recreation, nutrition, or allied health fields. This emphasis may be useful for students interested in possible career paths in athletic training, personal training, management, exercise science, sports nutrition, and education.

Program Requirements for the AA Degree**Select a total of 18 units from the following disciplines:**

Physical Education: minimum 6 units

PE 217	Sports Officiating (2)
PE 270	Fitness and Sports Nutrition (3)
PE 272	Care and Prevention of Athletic Injuries (3)
PE 275	Sport Psychology (3)
PE 277	Introduction to Kinesiology (3)
PE 280	Exercise and Nutrition Programs for Fitness and Weight Management (3)
PE 290	Personal Fitness Trainer (3)

Science and Nutrition: minimum 3 units

ANAT 130	Essentials of Anatomy and Physiology (4)
ANAT 132	General Human Anatomy (4)
APHY 134	Anatomy and Physiology I (4)
APHY 135	Anatomy and Physiology II (4)
BIOL 100	Fundamentals of Biology (4)
	or
BIOL 100H	Honors Fundamentals of Biology (4)
BIOL 101	Principles of Biology I (5)
BIOL 102	Principles of Biology II (5)
CHEM 102	Fundamentals of Chemistry (5)
CHEM 104	Beginning Chemistry (5)
CHEM 120	Survey of General and Organic Chemistry (4)
CHEM 122	Survey of Organic and Biochemistry (4)
CHEM 150	General Chemistry I (5)
MICR 133	General Microbiology (5)
NFOO 110	Nutrition (3)
PHYS 111	Descriptive Introduction to Physics (3)
PHYS 120	General Physics (4)
PHYS 122	General Physics (4)
PHYO 131	Human Physiology (4)

**Social Sciences and Development:
minimum 3 units**

CH 101	Personal and Community Health Issues (3)
HDEV 110	Strategies for Creating Success in College and in Life (3)
PSYC 101	General Psychology (3)
SOCI 101	Introduction to Sociology (3)

Elective Courses:

FAID 101	First Aid, Cardiopulmonary Resuscitation (CPR) and Basic Emergency Care (3)
NFOO 115	Nutrition for Infants and Young Children (3)
PSYC 102	Psychology for Effective Living (3)
PSYC 112	Human Sexuality (3)
PSYC 116	Lifespan Development (3)

Total Units: 18**Social and Behavior Sciences Emphasis**

These courses emphasize an appreciation and understanding of how members of diverse societies operate or have operated as individuals and social groups. Courses in the social and behavioral sciences will help students to develop an awareness of methods of inquiry and stimulate critical thinking about the ways in which people act and interact within social and cultural contexts. Students will study the perspectives, concepts, principles, theories, and methodologies of disciplines within social and behavioral sciences. Students transferring to a four year university will have a basic foundation for further studies in areas such as American studies, anthropology, criminal justice, child development, economics, geography, history, political science, psychology, or sociology. This emphasis may be useful for students interested in possible career paths in education, history, social work, public administration, public service agencies, library science, economics, or social policy.

**Program Requirements for AA Degree:
Select 18 units from at least two disciplines.**

AJ 100	Introduction to Administration of Justice (3)
AJ 103	Concepts of Criminal Law I (3)
AJ 107	Crime and Control – An Introduction to Corrections (3)
AJ 111	Criminal Investigation (3)
AJ 115	Community and Human Relations (3)
ANTH 102	Introduction to Cultural Anthropology (3)
ANTH 103	Introduction to Archaeology (3)
ANTH 104	Language and Culture (3)
ANTH 106	Native Peoples of North America (3)
ANTH 107	Native Peoples of South America (3)
ANTH 108	Ancient Civilizations of Mesoamerica (3)
ANTH 109	Women, Culture, and Society (3)
ANTH 111	Anthropology of Religion, Magic and Witchcraft (3)
CDEV 103	Child Growth and Development (3)
CDEV 104	The Home, The School, The Community (3)
COMS 260	Introduction to Intercultural Communication (3)
ECON 101	Principles of Economics: Macroeconomics (3)
ECON 102	Principles of Economics: Microeconomics Theory (3)
ECON 105	Fundamentals of Economics (3)
EDUC 201	Foundations in Education (3)
ESTU 101	Introduction to Ethnic Studies (3)
ESTU 103	The Chicano in Contemporary United States Society (3)
ESTU 105	Chicano Culture (3)
GEOG 102	Cultural Geography (3)

GEOG 105	World Regional Geography (3)	PSYC 122	Research Methods in the Behavioral Sciences (4)
GEOG 107	Geography of California (3)	SLAN 130	Deaf Culture (3)
HIST 101	United States History to 1877 (3)	SOCI 101	Introduction to Sociology (3)
HIST 102	United States History from 1877 to the Present (3)	SOCI 102	The Family (3)
HIST 105	Women and American History from the Colonial Era to 1877 (3)	SOCI 104	Social Problems (3)
HIST 106	Women and American History from 1877 to the Present (3)	SOCI 107	Issues of Race and Ethnicity in the United States (3)
HIST 108	United States History: The American Indian Experience (3)	SOCI 108	Global Perspectives on Race and Ethnicity (3)
HIST 110	The African American in the United States to 1877 (3)	SOCI 112	Introduction to Criminology (3)
HIST 111	The African American in the United States from 1877 to the Present (3)	SOCI 120	Introduction to Statistics and Data Analysis for the Behavioral Sciences (4)
HIST 112	History of the Chicano in the United States (3)	WSTU 101	Introduction to Women's Studies (3)
HIST 122	United States Social History: Cultural Pluralism in America (3)		Total Units: 18
HIST 128	History of California (3)		
HIST 129	History of Los Angeles (3)		
HIST 140	History of Early Civilizations (3)		
HIST 141	History of Modern Civilizations (3)		
HIST 145	History of World Religions (3)		
HIST 152	History of Latin America Through Independence (3)		
HIST 154	A History of Mexico (3)		
HIST 175	History of Asian Civilizations to 1600 (3)		
HIST 176	History of Asian Civilizations from 1600 to the Present (3)		
HIST 183	Introduction to African History, Prehistory to 1885 (3)		
HIST 184	Introduction to African History, 1885 to the Present (3)		
JOUR 112	Mass Media and Society (3)		
PE 275	Sport Psychology (3)		
POLI 101	Governments of the United States and California (3)		
POLI 102	Introduction to Comparative Politics (3)		
POLI 103	Introduction to Principles and Methods of Political Science (3)		
POLI 105	Ethnicity in the American Political Process (3)		
POLI 106	Civil Rights and Liberties in the United States (3)		
POLI 107	Political Philosophy (3)		
POLI 110	Introduction to International Relations (3)		
PSYC 101	General Psychology (3)		
PSYC 102	Psychology for Effective Living (3)		
PSYC 107	Physiological Psychology (3)		
PSYC 108	Social Psychology (3)		
PSYC 110	African American Psychology (3)		
PSYC 112	Human Sexuality (3)		
PSYC 115	Abnormal Psychology (3)		
PSYC 116	Lifespan Development (3)		
PSYC 120	Introduction to Statistics and Data Analysis for the Behavioral Sciences (4)		

HISTORY

The degree provides students with a foundation in the science of historical inquiry. After completing the program requirements, students will gain an understanding of the methodologies and schools of interpretation utilized by historians to study the past. Students will also demonstrate knowledge of the primary cultural, economic, intellectual, political, social, and diplomatic institutions of the United States and the world. Competencies will be assessed through the evaluation of student term papers and projects, essays, and regularly scheduled examinations. The major prepares students for transfer to a CSU and training in areas such as education, research, archival science, and government.

The Associate of Arts for Transfer (AA-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AA-T are given priority consideration for admission to the CSU system, but not to a particular campus or major. In order to earn an AA-T degree, students must complete:

1. Completion of 60 semester units or 90 quarter units of degree-applicable courses that are eligible for transfer to the California State University.
2. Completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
3. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
4. Obtainment of a minimum overall grade point average of 2.0.
5. A grade of "C" (or "P") or better in all courses required for the major or area of emphasis.

Students who have completed the AA-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system. Students transferring to a UC, private, or out-of-state university should consult with a Compton College counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AA-T.

Program Goals and Objectives:

Upon completion of their course of study, students will be able to

- Develop and persuasively argue a historical thesis in a written assignment that identifies and explains major social, economic, political and/or cultural historical themes or patterns.
- Apply appropriate historical methods to analyze and use primary and/or secondary sources as evidence to support the thesis.

Program Requirements for AA-T:

Required Core: 6 units

- HIST 101 United States History to 1877 (3)
or
HIST 101H Honors United States History to 1877 (3)
HIST 102 United States History from 1877 to the Present (3)
or
HIST 102H Honors United States History from 1877 to the Present (3)

List A: 6 units

- HIST 140 History of Early Civilizations (3)
HIST 141 History of Modern Civilizations (3)

List B: one course from Area 1 and Area 2

3 units from Area 1

- ART 106 Cross-Cultural Art (3)
ART 207 Art History of Mexico and Central and South America (3)
ART 209 History of African Art (3)
ENGL 228 Images of Women in Literature (3)
ENGL 242 Chicano and Latino Literature (3)
ENGL 243 African American Literature (3)
HIST 105 Women and American History from the Colonial Era to 1877 (3)
HIST 106 Women and American History from 1877 to the Present (3)
HIST 110 The African American in the United States to 1877 (3)
HIST 111 The African American in the United States from 1877 to the Present (3)

- HIST 112 History of the Chicano in the United States (3)
HIST 122 United States Social History: Cultural Pluralism in America (3)
HIST 145 History of World Religions (3)
HIST 152 History of Latin America Through Independence (3)
HIST 154 A History of Mexico (3)
HIST 175 History of Asian Civilizations to 1600 (3)
HIST 176 History of Asian Civilizations from 1600 to the Present (3)
JAPA 101 Elementary Japanese I (4)
JAPA 102 Elementary Japanese II (4)
SLAN 111 American Sign Language I (4)
SLAN 112 American Sign Language II (4)
SLAN 113 American Sign Language III (4)
SLAN 114 American Sign Language IV (4)
SLAN 130 Deaf Culture (3)
SPAN 101 Elementary Spanish I (4)
SPAN 102 Elementary Spanish II (4)
SPAN 103 Intermediate Spanish I (4)
SPAN 104 Intermediate Spanish II (4)
SPAN 105 Advanced Spanish I (3)
SPAN 106 Advanced Spanish II (3)
SPAN 152 Spanish for Native Speakers I (4)
SPAN 153 Spanish for Native Speakers II (4)

3 units from Area 2

- ANTH 102 Introduction to Cultural Anthropology (3)
ANTH 103 Introduction to Archaeology (3)
ANTH 104 Language and Culture (3)
ANTH 106 Native Peoples of North America (3)
ANTH 107 Native Peoples of South America (3)
ANTH 108 Ancient Civilizations of Mesoamerica (3)
ANTH 109 Women, Culture, and Society (3)
ANTH 111 Anthropology of Religion, Magic and Witchcraft (3)
ANTH 112 Ancient Civilizations of the Old World (3)
COMS 260 Introduction to Intercultural Communication (3)
ECON 101 Principles of Economics: Macroeconomics (3)
or
ECON 101H Honors Principles of Economics: Macroeconomics (3)
ECON 102 Principles of Economics: Microeconomics Theory (3)
ECON 105 Fundamentals of Economics (3)
ESTU 101 Introduction to Ethnic Studies (3)
GEOG 102 Cultural Geography (3)
GEOG 105 World Regional Geography (3)
GEOG 107 Geography of California (3)
HIST 105 Women and American History from the Colonial Era to 1877 (3)
HIST 110 The African American in the United States to 1877 (3)

- HIST 111 The African American in the United States from 1877 to the Present (3)
- HIST 112 History of the Chicano in the United States (3)
- HIST 122 United States Social History: Cultural Pluralism in America (3)
- or
- HIST 122H Honors United States Social History: Cultural Pluralism in America (3)
- HIST 145 History of World Religions (3)
- HIST 152 History of Latin America Through Independence (3)
- HIST 154 A History of Mexico (3)
- HIST 175 History of Asian Civilizations to 1600 (3)
- HIST 176 History of Asian Civilizations from 1600 to the Present (3)
- JOUR 112 Mass Media and Society (3)
- POLI 101 Governments of the United States and California (3)
- or
- POLI 101H Honors Governments of the United States and California (3)
- POLI 102 Introduction to Comparative Politics (3)
- POLI 103 Introduction to Principles and Methods of Political Science (3)
- POLI 105 Ethnicity in the American Political Process (3)
- POLI 106 Civil Rights and Liberties in the United States (3)
- POLI 107 Political Philosophy (3)
- POLI 110 Introduction to International Relations (3)
- or
- POLI 110H Honors Introduction to International Relations (3)
- PSYC 101 General Psychology (3)
- or
- PSYC 101H Honors General Psychology (3)
- PSYC 102 Psychology for Effective Living (3)
- PSYC 110 African American Psychology (3)
- PE 275 Sport Psychology (3)
- SLAN 130 Deaf Culture (3)
- SOCI 101 Introduction to Sociology (3)
- or
- SOCI 101H Honors Introduction to Sociology (3)
- SOCI 102 The Family (3)
- SOCI 104 Social Problems (3)
- SOCI 107 Issues of Race and Ethnicity in the United States (3)
- SOCI 108 Global Perspectives on Race and Ethnicity (3)
- SOCI 112 Introduction to Criminology (3)
- SOCI 115 Sociology of Death (3)
- WSTU 101 Introduction to Women's Studies (3)

Total Units: 18

LIBERAL STUDIES (ELEMENTARY TEACHING)

Teacher Preparation Option

This degree is designed for students who wish to earn a multiple-subject teaching credential authorizing them to teach in grades K-5. Students will study a broad range of subjects to prepare them for teaching, including English, mathematics, science, social science, visual and performing arts, and human development. Competencies will be assessed regularly through projects, examinations, laboratory experiments, and presentations. Program assessment will be conducted by tracking student placement in teacher preparation programs at the university level.

Program Requirements for AA Degree:

Required Core: 16 units

- ENGL 101 Reading and Composition (4)
- or
- ENGL 101H Honors Reading and Composition (4)
- COMS 100 Public Speaking (3)
- or
- ENGL 103 Critical Thinking and Composition (3)
- or
- ENGL 103H Honors Critical Thinking and Composition (3)
- HIST 101 United States History to 1877 (3)
- or
- HIST 102 United States History from 1877 to the Present (3)
- POLI 101 Governments of the United States and California (3)
- GEOG 105 World Regional Geography (3)
- or
- CDEV 103 Child Growth and Development (3)
- or
- HIST 140 History of Early Civilizations (3)
- 3-4 units from:**
- BIOL 100 Fundamentals of Biology (4)
- or
- BIOL 100H Honors Fundamentals of Biology (4)
- GEOG 106 Earth Science in Education (4)
- PSCI 125 Exploring Physical Sciences (3)



3 units from:

ART 101	Art and Visual Culture : A Global Perspective (3)
DANC 101	Dance Appreciation (3)
ENGL 150	Survey of British Literature I (3)
ENGL 152	Survey of British Literature II (3)
ENGL 240	American Literature I (3)
ENGL 241	American Literature II (3)
ENGL 242	Chicano and Latino Literature (3)
ENGL 243	African American Literature (3)
ENGL 244	The Literature of American Ethnic Groups (3)
MUSI 111	Music Appreciation Survey (3)
MUSI 112	Music Cultures of the World (3)
THEA 103	Theatre Appreciation (3)

3-5 units from:

MATH 73	Intermediate Algebra for General Education (5)
MATH 80	Intermediate Algebra for Science, Technology, Engineering, and Mathematics (5)
MATH 110	Structures and Concepts in Mathematics (3)
MATH 111	Mathematics for Elementary School Teachers – Geometry, Probability & Statistics (3)
MATH 115	Probability and Statistics for Prospective Elementary School Teachers (3)
MATH 120	Nature of Mathematics (3)
MATH 130	College Algebra (3)
MATH 150	Elementary Statistics with Probability (4)
MATH 170	Trigonometry (3)

Total Units: 25-28**Elementary Teacher Education**

The program is designed for students who wish to earn a multiple-subject teaching credential authorizing them to teach in grades K-5. Students will study a broad range of subjects to prepare them for teaching, including English, mathematics, science, social science, visual and performing arts, and human development. Upon successful completion of the program, students will be prepared to transfer to a CSU and major in Liberal Studies. Competencies will be assessed regularly through projects, examinations, laboratory experiments, and presentations.

The Associate of Arts for Transfer (AA-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AA-T are given priority consideration for admission to the CSU system, but not to a particular campus or major. In order to earn an AA-T degree, students must complete:

1. Completion of 60 semester units or 90 quarter units of degree-applicable courses that are eligible for transfer to the California State University.
2. Completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
3. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
4. Obtainment of a minimum overall grade point average of 2.0.
5. A grade of "C" (or "P") or better in all courses required for the major or area of emphasis.

Students who have completed the AA-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system. Students transferring to a UC, private, or out-of-state university should consult with a Compton College counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AA-T.

Program Goals and Objectives:

- **Integrated Understanding of Children's Needs:** Students integrate an understanding of the needs, characteristics and multiple influences on the development of children ranging from birth to adolescence as related to high quality care and education.
- **Designing Environments for Children:** Students design, implement and evaluate environments and activities that support positive developmental play and learning outcomes for all children.
- **Effective Guidance and Assessment:** Students apply effective observation, assessment, guidance and interaction strategies that support all children's social and emotional development.

Program Requirements for AA-T:**Required Core: 42 units**

BIOL 100	Fundamentals of Biology (4)
CDEV 103	Child Growth and Development (3)
COMS 100	Public Speaking (3)
EDUC 201	Foundations in Education (3)
ENGL 101	Reading and Composition (4)
ENGL 102	Literature and Composition (3)
GEOG 105	World Regional Geography (3)
GEOL 106	Earth Science in Education (4)
HIST 101	United States History to 1877 (3)
HIST 140	History of Early Civilizations (3)
MATH 110	Structures and Concepts in Mathematics (3)
POLI 101	Governments of the United States and California (3)
PSCI 125	Exploring Physical Sciences (3)

List A: 3 units

COMS 120	Argumentation and Debate (3)
ENGL 103	Critical Thinking and Composition (3)
PHIL 105	Critical Thinking and Discourse (3)
PHIL 106	Introduction to Symbolic Logic (3)

List B: 3 units

ART 101	Art and Visual Culture : A Global Perspective (3)
DANC 101	Dance Appreciation (3)
MUSI 111	Music Appreciation Survey (3)
THEA 103	Theatre Appreciation (3)

Total Units: 48**MACHINE TOOL TECHNOLOGY**

The Machine Tool Technology program prepares students for employment in machine shops, tool rooms, and instrument and experimental laboratories and provides upgrade opportunities for employed industrial personnel. Students gain proficiency in the set-up and operation of drilling machines, lathes, mills, grinders, electrical discharge machines, Computer Numerical Control (CNC) lathes, CNC milling machines, and computer aided manufacturing systems. Competencies will be assessed regularly in accordance with skill standards established by the National Institute of Metalworking Skills (NIMS). At least 50 percent of the courses required for the major must be completed at Compton College.

Program Goals and Objectives:

- Solving Engineering Problems: students will apply principles from mathematics, physics, and chemistry to solve applied problems in engineering.

- Digital and Analog Sensor Technologies: Upon completion of the courses in this discipline, the student will be able to identify different digital and analog sensor technology.
- Industry Standards: Upon completion of the courses in this discipline, the student will be able to follow and build robotic devices and components in accordance with industry standard schematics and diagrams.

Machinist Option:**Program Requirements for AS Degree:**

MTT 101	Introduction to Conventional and CNC Machining (4)
MTT 103	Conventional and CNC Turning (4)
MTT 105	Conventional and CNC Milling (4)
MTT 107	Advanced Manufacturing Processes (4)
MTT 110	Introduction to CAD/CAM (3)
MTT 120	Manufacturing Print Reading (3)
MTT 140	Machine Shop Calculations (3)
MTT 160	General Metals (3)

Total Units: 28**Numerical Control Programmer Option:****Program Requirements for AS Degree:**

MTT 101	Introduction to Conventional and CNC Machining (4)
MTT 103	Conventional and CNC Turning (4)
MTT 105	Conventional and CNC Milling (4)
MTT 110	Introduction to CAD/CAM (3)
MTT 112	Computer Numerical Control Programming (3)
MTT 115	Numerical Control Graphics Programming (3)
MTT 118	3D Numerical Control Graphics Programming (3)
MTT 120	Manufacturing Print Reading (3)
MTT 140	Machine Shop Calculations (3)
MTT 160	General Metals (3)

Total Units: 33**Recommended Electives:**

MTT 95	Cooperative Work Experience Education (2-4)
MTT 99	Independent Study (1-3)
WELD 105	Basic Welding for Allied Fields (3)

CNC Machine Operator – Certificate of Achievement

Program Description: The CNC Machine Operator certificate of achievement aims to provide basic to advanced training in manual or conventional machining, computer numerical programming and operation, advanced multi-axis programming and operation. These form the fundamental skills necessary for the average and expected workload in the machining industry. Enrolled students are strongly positioned for employment in the machining industry throughout the course of the program.

Program Requirements:

MTT 101	Introduction to Conventional and CNC Machining (4)
MTT 103	Conventional and CNC Turning (4)
MTT 105	Conventional and CNC Milling (4)
MTT 107	Advanced Manufacturing Processes (4)

Total Units: 16

Machinist - Certificate of Achievement

Program Description: The Machinist certificate of achievement program aims to provide basic to advanced training in manual or conventional machining, computer numerical programming and operation, and advanced multi-axis programming and operation. These form the fundamental skills necessary for the average and expected workload in the machining industry. Enrolled students are strongly positioned for employment in the machining industry throughout the course of the program.

Program Requirements:

MTT 101	Introduction to Conventional and CNC Machining (4)
MTT 103	Conventional and CNC Turning (4)
MTT 105	Conventional and CNC Milling (4)
MTT 107	Advanced Manufacturing Processes (4)
MTT 110	Introduction to CAD/CAM (3)
MTT 120	Manufacturing Print Reading (3)
MTT 140	Machine Shop Calculations (3)
MTT 160	General Metals (3)

Total Units: 28

Numerical Control Programmer – Certificate of Achievement

Program Description: The Numerical Control Programmer certificate of achievement aims to provide basic to advanced training in manual or conventional machining, computer numerical programming and operation, advanced multi-axis programming and operation. These form the fundamental skills necessary for the average and expected workload in the machining industry. Enrolled students are strongly positioned for employment in the machining industry throughout the course of the program.

Program Requirements:

MTT 101	Introduction to Conventional and CNC Machining (4)
MTT 103	Conventional and CNC Turning (4)
MTT 105	Conventional and CNC Milling (4)
MTT 110	Introduction to CAD/CAM (3)
MTT 112	Computer Numerical Control Programming (3)
MTT 115	Numerical Control Graphics Programming (3)
MTT 118	3D Numerical Control Graphics Programming (3)
MTT 120	Manufacturing Print Reading (3)
MTT 140	Machine Shop Calculations (3)
MTT 160	General Metals (3)

Total Units: 33

MATHEMATICS

The mathematics program provides the student with sufficient depth to support a lifelong interest in mathematics, and is suitable for the student who plans to transfer in mathematics. The core of the major is the calculus sequence, in which the student will acquire a conceptual understanding of the principles of differential and integral calculus for functions of one and several variables, as well as the ability to apply calculus techniques in a variety of applications. One course in Differential Equations with Linear Algebra is required, as well as one additional course to provide the student with greater breadth in mathematics. Competency will be assessed by evaluating the student's ability to solve a wide range of calculus and other mathematical problems.

The Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AS-T are guaranteed admission to the CSU system, but not to a particular campus or major. In order to earn an AS-T degree, students must complete:

1. Completion of 60 semester units or 90 quarter units of degree-applicable courses that are eligible for transfer to the California State University.
2. Completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
3. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
4. Obtainment of a minimum overall grade point average of 2.0.
5. A grade of "C" (or "P") or better in all courses required for the major or area of emphasis. Students who have completed the AS-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system. Students transferring to a UC, private, or out-of state university should consult with a Compton counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AS-T.

Program Goals and Objectives:

- Understanding Concepts: Students will explain and demonstrate mathematical concepts relevant to the course content.
- Solving Problems: Students will solve problems, including application problems, relevant to the course concepts and content.
- Graphs: Students will create, interpret and analyze graphs relevant to the course concepts and content.
- Proofs: Students will analyze and construct proofs relevant to the course concepts and content.

Program Requirements for AS-T:

Required Core: 15 units

- MATH 190 Single Variable Calculus and Analytic Geometry I (5)
- MATH 191 Single Variable Calculus and Analytic Geometry II (5)
- MATH 220 Multi-Variable Calculus (5)

List A: 5 units

- MATH 270 Differential Equations with Linear Algebra (5)

List B: 4 units

- MATH 150 Elementary Statistics with Probability (4)
- MATH 150H Honors Elementary Statistics with Probability (4)
- MATH 210 Introduction to Discrete Structures (4)
- PHYS 150 Mechanics of Solids (4)

Total Units: 24

MUSIC

The music program provides students with a comprehensive foundation in music theory, history, and performance. This is achieved through a structured program of training in a variety of solo performance media, ensembles, music theory, keyboard skills, music history, and music technology. The program prepares students for transfer and further study of music education, music business, audio for film/video production, songwriting, and music production. Students will demonstrate proficiency by analyzing, writing, interpreting, and performing pieces of music, and by demonstrating skills utilizing professional music software. Program assessment is measured by juried and public performances, program completion, transferability, student learning outcomes, and periodic program review.

Program Goals and Objectives:

- Forms of Movement: Upon completion of the program students will be able to analyze and explain the form of a movement from a Classical Era piano composition by constructing a diagram of form and demonstrating an intermediate level of skill in harmonic analysis using Roman numerals.
- Analyzing Music: Upon completion of the program students will be able to analyze music example recordings based on elements of music including form, style, rhythm, harmony, melody, timbre, texture, and dynamics, with an intermediate level of proficiency.
- Performing: Upon completion of the program students will be able to demonstrate intermediate mastery in their performance of two collegiate level pieces from contrasting styles, observing accurate pitches, rhythms, and interpretative markings.

Program Requirements for AA Degree:**Required Core: 20 units**

- MUSI 103A Theory and Musicianship I (4)
 MUSI 103B Theory and Musicianship II (4)
 MUSI 131A Beginning Piano I (2)
 MUSI 190A Applied Music I (1)
 MUSI 190B Applied Music II (1)
 MUSI 190C Applied Music III (1)
 MUSI 190D Applied Music IV (1)
 MUSI 215A Music History and Literature
 up to 1750 (3)
 MUSI 215B Music History and Literature –
 1750 to Present (3)

Note: Four semesters of Applied Music is required for music majors.

Each student is required to choose an area to fulfill 30 units of the degree.**Keyboard: select 10 units**

- MUSI 131B Beginning Piano II (2)
 MUSI 203 Theory and Musicianship III (4)
 MUSI 231A Intermediate Piano I (2)
 MUSI 231B Intermediate Piano II (2)
 MUSI 232 Advanced Piano (2)

Instrumental Music: select 10 units**4 units from:**

- MUSI 203 Theory and Musicianship III (4)

4 units from:

- MUSI 260** Woodwind Ensembles (1)
 MUSI 261** Brass Ensembles (1)
 MUSI 262** Percussion Ensembles (1)
 MUSI 264 String Ensembles (1)
 MUSI 269 Guitar Ensembles (1)

2 units from:

- MUSI 102A Beginning Sight-singing (2)
 or
 MUSI 102B Advanced Sight-singing (2)
 MUSI 143 Beginning Woodwind Instruments (2)
 MUSI 144 Beginning Brass Instruments (2)
 MUSI 145 Beginning Percussion Instruments (2)
 MUSI 146 Beginning String Instruments (2)
 MUSI 147A Beginning Guitar (2)
 MUSI 147B Beginning Guitar II (2)
 MUSI 247 Intermediate Guitar (2)

Commercial Music: select 10 units**5 units from:**

- MUSI 105 Commercial/Jazz Theory
 and Musicianship (3)
 MUSI 130 Beginning Jazz Improvisation (2)

2 units from:

- MUSI 147A Beginning Guitar (2)
 MUSI 147B Beginning Guitar II (2)
 MUSI 247 Intermediate Guitar (2)

3 units from:

- MUSI 113 Survey of Jazz (3)
 MUSI 116 History of Rock Music (3)
 General Music: select 10 units

4 units from:

- MUSI 120 Voice Class I (2)
 MUSI 147A Beginning Guitar (2)
 MUSI 147B Beginning Guitar II (2)

6 units from:

- MUSI 102A Beginning Sight-singing (2)
 or
 MUSI 102B Advanced Sight-singing (2)
 MUSI 112 Music Cultures of the World (3)
 MUSI 116 History of Rock Music (3)
 MUSI 203 Theory and Musicianship III (4)

Total Units: 30

***One semester each of MUSI 260, MUSI 261, and MUSI 262 may be counted for credit toward the major.*

**Commercial Music –
Certificate of Achievement**

The Commercial Music certificate of achievement is designed so that upon completion the student will be equipped with the necessary technical skills to be employed as a professional in the field of Commercial Music Technology, Film Scoring, Video Game/ Audio Development, Music Business Entrepreneurship, Audio Forensics, and other Digital and Multi-Media Entertainment and Serious industries, involving music, audio and/or video. The demand for certified music/audio technicians is extremely high for the California region due to the fast growing multi-billion dollar entertainment multi-media industry. This also includes such sectors as mobile phone entertainment, motion pictures animation (Foley) and video games to name a few. A Certificate of Achievement will be granted upon completion of all program requirements. Music 182, Music 284 and Music 285 must be completed at Compton College.

Program Goals and Objectives:

Upon completion of the program students will be able to

- Analyze music example recordings based on elements of music including form, style, rhythm, harmony, melody, timbre, texture, and dynamics, with an intermediate level of proficiency.
- Demonstrate intermediate mastery in their performance of two collegiate level pieces from contrasting styles, observing accurate pitches, rhythms, and interpretative markings.

Program Requirements:

MUSI 101	Music Fundamentals (3)
MUSI 180	Fundamentals of Electronic Music (2)
MUSI 181A	Introduction to Electronic Music Studio (2)
MUSI 181B	Electronic Music Studio (2)
MUSI 182	Digital Audio Recording for Commercial Music (3)
MUSI 183	Keyboarding for Commercial Music (2)
MUSI 284	Commercial Music Business Studies (3)
MUSI 285	Songwriting for Commercial Music (3)

Total Units: 20

NURSING**A.S. Degree Registered Nursing**

The degree provides the student with the skills to utilize the nursing process and assess unique patient needs across the lifespan using a concept-based approach to learning. Degree competence will be assessed regularly by evaluation of expected learning outcomes in the clinical setting as well as course examinations. Emphasis is placed on the use of critical thinking and creative problem-solving in the clinical setting. The nursing major prepares graduates in a variety of health care settings as entry-level registered nurses. Upon successful completion of the nursing program, the graduate is eligible to the NCLEX-RN® (National Council Licensure Examination for Registered Nurses). Program assessment is conducted by monitoring student success rates on the NCLEX_RN® exam.

Board of Registered Nursing (BRN)

Requirements: The BRN has approved a set curriculum at Compton which includes, in addition to nursing courses, sociology, psychology and a course in communication and analytical thinking. Please see document entitled: Sample Curriculum for Associate Degree Nursing Program. These additional courses are not required for entry into

the nursing program but must be completed prior to graduation. Students are strongly encouraged to complete these classes prior to entry into the nursing program.

Nursing Philosophy: The Associate Degree Nursing Program supports the mission of Compton College. The program offers quality, comprehensive educational opportunities and services to its diverse community, specifically those individuals aspiring to obtain the knowledge, skills, and attitudes required of a Registered Nurse.

Program Length and Licensing Requirements:

The program is two academic years in length after completion of program prerequisites. Acceptance of qualified applicants to the program does not guarantee graduation from the program/college. Students must achieve a statistically determined passing score on the comprehensive predictor examination upon completion of the program prior to taking the NCLEX-RN®. Graduates must pass the NCLEX-RN® in order to become licensed and practice registered nursing in the state of California.

Credit for Military Service: The Nursing Program will comply with the requirements of California Senate Bill 466. Procedures for the military challenge for advanced placement into the Nursing Program is published on the Nursing Program website.

Nursing Degree Options:

Generic – Students who are not licensed as vocational nurses/psychiatric technicians and are not transferring from another accredited nursing program are considered generic students.

Advanced Standing/Upward Mobility –

Prospective students who have had prior education in nursing or other health-related areas may request consideration for entry into the nursing program with advanced placement. Applicants would include Licensed Vocational/ Practical Nurses, Licensed Psychiatric Technicians, and transfer students from accredited nursing programs. Advanced standing applicants are admitted to the program on a space available basis. Upon request, transfer students' transcripts will be individually evaluated for granting credit. Transfer students may be offered advanced standing. Licensed vocational nurses may enter the upward mobility option or 30-unit option (see below).

Program Prerequisites for the Associate Degree Nursing Program (All Students)

Science Courses:

Complete the following courses with a minimum 2.5 GPA. All science courses must have been completed within seven years prior to the date of nursing program application.

1. Anatomy 132 and Physiology 131; or Anatomy and Physiology 134 and 135
2. Microbiology 133
3. Medical Terminology 1
4. Psychology 16

Non-Science Courses:

1. English 101 (not included in the required basic science 2.5 minimum GPA)
2. Mathematics 73 (or pass the Math Competency Exam)

Additional Prerequisites for Generic option:

1. Cumulative GPA of 2.5 in all college courses.
2. Complete the Readiness Assessment Test – ATI Test of Essential Academic Skills (ATI TEAS) with the state recommended passing score. If a prospective student receives a score below the state recommended score, the student will be required to complete remediation and then retake the ATI TEAS. Students will only have two opportunities to take and successfully pass the TEAS exam. Students who take the TEAS at Compton and complete the required remediation are required to retest at Compton.
3. Nursing 143, Nursing 144 and Nursing 146

All general education courses and nursing courses must be completed with a minimum grade of C. Please contact a nursing counselor to determine course equivalencies.

Additional Prerequisites for Upward Mobility Students (LVN to RN Option):

1. Possession of a current California Vocational Nurse/Practical Nurse license and employment as a LVN/LPN in a sub-acute or acute care setting within the last 3 years.
2. Complete the Readiness Assessment Test – ATI Test of Essential Academic Skills (ATI TEAS) with the state recommended passing score. If a prospective student receives a score below the state recommended score, the student will be required to complete remediation and then retake the ATI TEAS. Students will only have two opportunities to take and successfully pass the TEAS exam. Students who take the TEAS at Compton and complete the required remediation are required to retest at Compton.
3. Documentation demonstrating completion of a LVN program.
4. Nursing 144 and Nursing 146

Application Filing Period: The Compton College Nursing Program accepts applications twice a year beginning the third week of the fall and spring semester. Each application period will last for three weeks.

The state of California requires all Registered Nurses (RNs) to have a valid Social Security or Tax Identification Number. Students seeking admission into the nursing program must provide proof of a valid social security or tax identification number to the nursing counselor prior to receiving a verification of eligibility documentation for admission consideration into the nursing program.



Application Review

Generic Students – All complete applications will be reviewed and ranked according to Criteria 1-3 of the Multicriteria Enrollment Criteria. Students at the top of the ranking who have taken the Assessment Technology Inc. (ATI) TEAS, will be invited to take the test. Following completion of the ATI TEAS, student points will be recalculated including all five criteria. Selected students will be notified by Compton email that they have been conditionally accepted into the nursing program. Upon receipt of an offer, applicants should accept or decline the offer and complete any further conditions of enrollment as stated in the email. Acceptance or refusal of the offer must be received in writing in the nursing office by the date specified in the email. Failure to reply by the specified date will result in the removal of the applicant's name from the applicant pool. Upon receipt of the applicant's signed acceptance and attendance at a mandatory orientation, the offeree confers from conditional place to a confirmed place. Any applicant who accepts a place and attends an orientation but does not attend the first day of class will be dropped from the program and will not be eligible to reapply. Students who are not admitted to the program may reapply during the next application period. For more information, visit our website at www.compton.edu/academics/div1/nursing.

Upward Mobility – All completed applications will be reviewed and ranked according to the cumulative GPA. Students at the top of the ranking who have taken the ATI TEAS, will be invited to take the test. Following completion of the ATI TEAS, student will be re-ranked according to the score achieved. Selected students will be notified by Compton email that they have been conditionally accepted into the nursing program. Upon receipt of a conditional offer, applicants should print out the attached documents and choose one of the following options: 1) accept the offer or 2) decline the offer. Acceptance or refusal of the conditional offer must be received in writing in the nursing office by the date specified in the email. Failure to reply by the specified date will result in the removal of the applicant's name from the applicant pool. Upon receipt of the applicant's signed acceptance and attendance at a mandatory orientation, the offeree confers from conditional place to a confirmed place. Any applicant who accepts a place and attends an orientation but does not attend the first day of class will be dropped from the program and will not be eligible to reapply.

Transfer Students –The Associate Dean of Nursing or designee will evaluate credit for nursing courses completed at another college on an individual basis. Credit can be achieved through the petition process as well. Students interested in applying for admission consideration to the Compton College associate degree nursing program as a transfer student will not be accepted beyond the second semester.

30 Unit Non-Degree Track

The Licensed Vocational Nurse may establish eligibility to take the state licensing examination to become a Registered Nurse in California only by completing a sequence of courses. The Associate Degree is not awarded upon completion of this program and the nurse will always be considered a non-graduate. Applicants are admitted as space is available. For more information, please contact the nursing department.

Waitlist: There will be no waitlist. Students who are not admitted to the program may reapply during the next application period. Students who are not offered admission are encouraged to meet with a nursing counselor.

Program Costs

Nursing Program: In addition to registration fees, the costs for books, shoes, physical exam, CPR certification, name badges, patches, uniforms, stethoscope, and additional skills lab supplies are approximately \$1000 for the first year (discrepancy here – website says \$3500 – which is correct?).

Compton College Associate in Science Degree:

In addition to the nursing department and BRN course requirements, students must meet the Compton College A.S. degree general education requirements outlined in the college catalog. Please consult with a nursing counselor if you have questions.

The Associate Degree Nursing Program is a demanding rigorous program that requires advanced academic preparation, personal commitment, and a considerable amount of time in study and preparation outside of class. Mandatory general information sessions are available each semester to assist prospective applicants so they may learn more about careers in nursing, the Compton College nursing program and its requirements, and how to formulate an educational plan to become a qualified applicant. Nursing courses must be taken in sequence. Clinical facilities require background checks, which require a valid social security number.

Required Program GPA: Nursing students must maintain a minimum overall GPA of 2.0 to continue in the nursing program, graduate and receive an Associate in Science degree.

After a student is admitted into the nursing program, a full-time load is considered 10 units per semester. Students are expected to complete their nursing courses at Compton College. Credit may be granted for course work completed at an accredited nursing program.

Program Readmission and Course Repetition:

Students who leave the nursing program are eligible to be readmitted to the program subject to space availability. Students will only be eligible to repeat one single nursing course, in which a D or F grade was achieved. Policies related to progression and re-entry to the nursing program are available for review in the Nursing Office and are published in the Nursing Student Handbook. Student academic standing at the time of leaving the program will determine whether academic support courses will be prescribed for completion before re-entry to the nursing program. Students not eligible to re-enter the program may individually appeal their re-entry status through the Acceptance, Transfer and Progression Committee.

Re-Entry Policy:

Students must apply for re-admission into the nursing program within one (1) year of the exit date. The student who is absent from the program in excess of one year will be considered "inactive" and placed on "inactive status" in the nursing program. Students who have exited from the nursing program for more than 2 years will be required to repeat a previous course in which a "C" or better grade was earned. The Associate Dean of Nursing or designee will be responsible for determining whether the student will be required to repeat a nursing course.

California State Licensure:

Special Note Regarding Licensure: All graduates of the Nursing Program are eligible to take the National Licensing Examination (NCLEX-RN®) and must pass the exam to practice in California. The NCLEX-RN® is developed by the National Council of state Boards of Nursing and is administered by computer nationally throughout the year. The California Board of Registered Nursing (BRN) requires that all students applying for the NCLEX be fingerprinted and submit a fingerprint card with the licensing examination application. The BRN protects the public by screening applicants for licensure in order to identify potentially unsafe

practitioners. The BRN may deny applications for permanent licensure, interim permits and temporary licenses if the applicant has been found guilty of dishonesty; fraud or deceit; felony; child abuse; sex offender crimes; acts involving narcotics, dangerous drugs or devices; assault and/or battery; and other crimes. Applicants who have questions regarding limitations related to licensure should contact the California Board of Registered Nursing (916) 322-3350 or access its website at www.rn.ca.gov. It is the responsibility of the applicant to present sufficient evidence of rehabilitation. Applicants are advised to explore other career opportunities prior to investing substantial time in a nursing program if it appears that a prior serious act or conviction may jeopardize licensure.

Bachelor of Science in Nursing: Students intending to pursue a Bachelor of Science degree in Nursing should consult a nursing counselor.

Program Requirements for Generic AS Degree:

NURS 220	Nursing Fundamentals (3.5)
NURS 222	Medical Surgical Nursing – Older Adult (3.5)
NURS 224	Nursing Pharmacology (3)
NURS 226	Nursing Skills Practicum I (.5)
NURS 230	Mental Health Nursing (3.5)
NURS 232	Obstetrical Patients and the Newborn (2.5)
NURS 234	Pediatric Nursing (2.5)
NURS 238	Nursing Skills Practicum II (.5)
NURS 240	Intermediate Medical-Surgical Nursing I (4)
NURS 242	Intermediate Medical-Surgical Nursing II (4)
NURS 244	Nursing Skills Practicum III (.5)
NURS 247	Advanced Medical-Surgical Nursing I (6)
NURS 248	Advanced Medical-Surgical Nursing II Preceptorship (2)
ENGL 102*	Literature and Composition (3)
or	
ENGL 102H*	Honors Literature and Composition
PSYC 101	General Psychology (3)
or	
PSYC 101H	Honors General Psychology (3)
SOCI 101	Introduction to Sociology (3)

Total Units: 45

**Note: any 3 unit course from English 103, 103H; or Communication Studies 100, 120, 130, 140; or any Humanities course may be substituted for English 102 or 102H.*

Program Requirements for Upward Mobility AS Option:

NURS 149	Advanced Placement in Nursing (2.5)
NURS 230	Mental Health Nursing (3.5)
NURS 232	Obstetrical Patients and the Newborn (2.5)
NURS 234	Pediatric Nursing (2.5)
NURS 238	Nursing Skills Practicum II (.5)
NURS 242	Intermediate Medical-Surgical Nursing II (4)
NURS 244	Nursing Skills Practicum III (.5)
NURS 247	Advanced Medical-Surgical Nursing I (6)
NURS 248	Advanced Medical-Surgical Nursing II Preceptorship (2)
ENGL 102*	Literature and Composition (3)
or	
ENGL 102H*	Honors Literature and Composition (3)
PSYC 101	General Psychology (3)
or	
PSYC 101H	Honors General Psychology (3)
SOCI 101	Introduction to Sociology (3)

Total Units: 33

*Note: any 3 unit course from English 103, 103H, or Communication Studies 100, 120, 130, 140; or any Humanities course may be substituted for English 102 or 102H.

PHYSICAL EDUCATION

Kinesiology

The kinesiology program provides a foundation for the study of diverse dimensions of exercise science, sport, and movement studies. Upon completion of the program, students will be prepared to transfer and major in kinesiology. Students will have knowledge and skills for advancement into a number of kinesiology fields, such as adapted physical education, athletic training, coaching, exercise science, fitness specialist, kinesiotherapy, and teaching. Competency will be assessed by a student's ability to solve problems in exercise science, exercise program design and to demonstrate and/or evaluate movement skills, tactics, and strategies in various physical activities.

The Associate of Arts for Transfer (AA-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AA-T are given priority consideration for admission to the CSU system, but not to a particular campus or major. In order to earn an AA-T degree, students must complete:

1. Completion of 60 semester units or 90 quarter units of degree-applicable courses that are eligible for transfer to the California State University.
2. Completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.

3. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
4. Obtainment of a minimum overall grade point average of 2.0.
5. A grade of "C" (or "P") or better in all courses required for the major or area of emphasis. Students who have completed the AA-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system. Students transferring to a UC, private, or out-of-state university should consult with a Compton College counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AA-T.

Program Goals and Objectives:

- Fitness and Wellness: Students will demonstrate an understanding and appreciation of physical activities and their relationship wellness and fitness
- Critical Thinking: Students will apply the knowledge and skills in the field of kinesiology to think critically in examining issues and solving problems associated with their chosen sub discipline
- Skill Development: Students will demonstrate improved specific skills related to their sport or activity

Program Requirements for AA-T:

Required Core: 11 units

PE 277 Introduction to Kinesiology (3)

Select Option 1 or Option 2

Option 1

ANAT 132 General Human Anatomy (4)

PHYO 131 Human Physiology (4)

or

Option 2

APHY 134 Anatomy and Physiology I (4)

APHY 135 Anatomy and Physiology II (4)

and

3-5 units of Movement-Based Courses

Select a maximum of one course from any two to three categories:

Combative:

PE 118 Beginning Boxing (1)

Dance:

DANC 110	Beginning Dance (2)
DANC 120A	Beginning Ballet A (2)
DANC 120B	Beginning Ballet B (2)
DANC 130A	Beginning Modern Dance A (2)
DANC 130B	Beginning Modern Dance B (2)
DANC 140	Jazz Dance I (2)
DANC 161	Tap Dance I - Beginning (1)
DANC 162	Hip Hop Dance - Beginning (2)
DANC 164	World Dance (1)
DANC 165	African Dance (1)
DANC 168	Latin Social Dance (2)
DANC 220A	Intermediate Ballet A (2)
DANC 220B	Intermediate Ballet B (2)
DANC 230A	Intermediate Modern Dance A (2)
DANC 230B	Intermediate Modern Dance B (2)
DANC 240	Jazz Dance II (2)
DANC 250	Pilates Mat Class (3)
DANC 262	Commercial Dance (2)

Fitness:

PE 102	Walking for Fitness (1)
PE 103	Boot Camp Fitness Training (1)
PE 110	Body Conditioning and Physical Fitness (1)
PE 125	Weight Training (1)
PE 127	Yoga for Health and Fitness (1)
PE 128	Power Vinyasa Yoga (1)
PE 138	Circuit Training (1)

Team Sports:

PE 104	Basketball (1)
PE 107	Baseball (1)
PE 130	Beginning Soccer (1)
PE 113	Volleyball (1)
and	

List A: 7-9 units

BIOL 100	Fundamentals of Biology (4)
or	
BIOL 100H	Honors Fundamentals of Biology (4)
CHEM 104	Beginning Chemistry (5)
or	
CHEM 104H	Honors Beginning Chemistry (5)
or	
CHEM 120	Survey of General and Organic Chemistry (4)
or	
CHEM 150	General Chemistry I (5)
FAID 101	First Aid, Cardiopulmonary Resuscitation (CPR) and Basic Emergency Care (3)
PHYS 120	General Physics (4)

MATH 150	Elementary Statistics with Probability (4)
or	
MATH 150H	Honors Elementary Statistics with Probability (4)
or	
PSYC 120	Introduction to Statistics and Data Analysis for the Behavioral Sciences (4)
or	
SOCI 120	Introduction to Statistics and Data Analysis for the Behavioral Sciences (4)
Total Units: 21-25	

Recommended Electives:

CH 101	Personal and Community Health Issues (3)
NFOO 110	Nutrition (3)
PE 272	Care and Prevention of Athletic Injuries (3)
PE 280	Exercise and Nutrition Programs for Fitness and Weight Management (3)
PSYC 101	General Psychology (3)
or	
PSYC 101H	Honors General Psychology (3)

PHYSICAL SCIENCE

The physical science program provides students the opportunity to investigate diverse methods of inquiry by experiencing courses from a cross section of science disciplines. Students will develop critical thinking skills, learn to communicate effectively in writing, and acquire an understanding of major scientific concepts. Through course options, students will use mathematical concepts to solve problems and employ methods of scientific inquiry to understand the world around them. Completion of the degree requirements will prepare students with the skills and resources needed to facilitate academic and career decisions. Competencies will be assessed through regularly scheduled theory and laboratory examinations.

Program Goals and Objectives:

- Students will trace the development of a scientific ideas from gathering of data through development of a hypothesis to testing a prediction.
- Problems Students will make scientific measurements and demonstrate the difference between disagreement and error.
- Students will read a simple graph or diagram and interpret the results appropriately.

Program Requirements for AS Degree:**Required Core: 7-10 units**

Complete one of the following two-semester sequences.

CHEM 150 General Chemistry I (5)

CHEM 152 General Chemistry II (5)

or

PHYS 120 General Physics (4)

PHYS 122 General Physics (4)

or

PHYS 150 Mechanics of Solids (4)

PHYS 152 Fluids, Heat and Sound (3)

or

PHYS 150 Mechanics of Solids (4)

PHYS 250 Electricity and Magnetism (4)

10-13 units from:

ASTR 120 The Solar System (3)

or

ASTR 120H Honors The Solar System (3)

ASTR 125 Stars and Galaxies (3)

or

ASTR 125H Honors Stars and Galaxies (3)

ASTR 128 Astronomy Laboratory (1)

CHEM 104 Beginning Chemistry (5)

or

CHEM 104H Honors Beginning Chemistry (3)

CHEM 210 Organic Chemistry I (5)

CHEM 212 Organic Chemistry II (5)

GEOG 101 Physical Geography (3)

GEOL 101 Physical Geology (3)

GEOL 102 History of Planet Earth (3)

GEOL 103 Physical Geology Laboratory (1)

GEOL 104 History of Planet Earth Laboratory (1)

GEOL 115 Natural Disasters (3)

MATH 150 Elementary Statistics with Probability (4)

or

MATH 150H Honors Elementary Statistics with Probability (4)

MATH 180 Pre-Calculus (5)

MATH 190 Single Variable Calculus and Analytic Geometry I (5)

MATH 191 Single Variable Calculus and Analytic Geometry II (5)

MATH 220 Multi-Variable Calculus (5)

MATH 270 Differential Equations with Linear Algebra (5)

PHYS 250 Electricity and Magnetism (4)

PHYS 252 Optics and Modern Physics (4)

Total Units: 20

PHYSICS

The physics program provides students with the ability to use and develop problem solving strategies that apply to physical concepts involving mechanics, thermodynamics, sound, light, electricity and magnetism, and modern physics. Laboratory activities establish a foundation in measurement and analysis techniques necessary to test, understand, and apply physical concepts. Upon completion of the program requirements, students will be prepared to transfer and major in physics. Competency will be assessed by evaluating the student's ability to quantitatively and qualitatively determine the results of physical situations. The Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AS-T are guaranteed admission to the CSU system, but not to a particular campus or major. In order to earn an AS-T degree, students must complete:

1. Completion of 60 semester units that are eligible for transfer to the California State University.
2. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
3. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
4. Obtainment of a minimum grade point average of 2.0.
5. A grade of "C" or better in all courses required for the major or area of emphasis.

Students who have completed the AS-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system. Students transferring to a UC, private, or out-of-state university should consult with a Compton counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AS-T.

Program Goals and Objectives:

- Applying Relevant Principles: Students will trace the development of a scientific ideas from gathering of data through development of a hypothesis to testing a prediction.
- Solving Physics: Problems Students will make scientific measurements and demonstrate the difference between disagreement and error.
- Data Collection & Analysis: Students will read a simple graph or diagram and interpret the results appropriately.

Program requirements for AS-T:

PHYS 150	Mechanics of Solids (4)
PHYS 250	Electricity and Magnetism (4)
	and
PHYS 152	Fluids, Heat and Sound (3)
	or
PHYS 252	Optics and Modern Physics (4)
MATH 190	Single Variable Calculus and Analytic Geometry I (5)
MATH 191	Single Variable Calculus and Analytic Geometry II (5)
MATH 220	Multi-Variable Calculus (5)

Total Units: 26-27

POLITICAL SCIENCE

This degree provides students with an introduction to political science. Students will acquire knowledge of fundamental political theory, intergovernmental relations, international law, and the principal functions of the government of the United States as well as differing political systems. Upon successful program completion, students will be able to identify, explain and critically analyze different theories and political themes underlying contemporary issues and policymaking. The degree prepares students for transfer to a CSU and a political science major. Students will continue studies in government, politics and law. Competencies will be assessed regularly through examinations, essays, projects, and reports.

The Associate of Arts for Transfer (AA-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AA-T are given priority consideration for admission to the CSU system, but not to a particular campus or major. In order to earn an AA-T degree, students must complete:

1. Completion of 60 semester units or 90 quarter units of degree-applicable courses that are eligible for transfer to the California State University.
2. Completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
3. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
4. Obtainment of a minimum overall grade point average of 2.0.
5. A grade of "C" (or "P") or better in all courses required for the major or area of emphasis.

Students who have completed the AA-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system.

Students transferring to a UC, private, or out-of-state university should consult with a Compton College counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AA-T.

Program Goals and Objectives:

- Contemporary Issues: Upon completion of their course of study in the Political Science Department, students will be able to identify and explain major economic, political, social, cultural and historical themes underlying contemporary issues in the policymaking process
- Primary and Secondary Sources: After completing their course of study within Political Science, students will be able to critically analyze different theories pertaining to the discipline using primary and/or secondary sources in support of their arguments.
- Political Issues and Policy Making: After completing their course of study in Political Science, students will be able to identify and distinguish various academic and journalistic sources, and explain what these reveal about contemporary political issues and policy making

Program Requirements for AA-T:**Required Core: 3 units**

POLI 101 Governments of the United States and California (3)

or

POLI 101H Honors Governments of the United States and California (3)

List A: 9-10 units

POLI 102 Introduction to Comparative Politics (3)

POLI 103 Introduction to Principles and Methods of Political Science (3)

POLI 107 Political Philosophy (3)

POLI 110 Introduction to International Relations (3)

MATH 150 Elementary Statistics with Probability (4)

or

MATH 150H Honors Elementary Statistics with Probability (4)

or

PSYC 120 Introduction to Statistics and Data Analysis for the Behavioral Sciences (4)

or

SOCI 120 Introduction to Statistics and Data Analysis for the Behavioral Sciences (4)

List B: 6 units

Any course from List A not already completed

ANTH 102 Introduction to Cultural Anthropology (3)

ECON 101 Principles of Economics: Macroeconomics (3)

ECON 102 Principles of Economics: Microeconomics Theory (3)

ESTU 101 Introduction to Ethnic Studies (3)

HIST 101 United States History to 1877 (3)

HIST 102 United States History from 1877 to the Present (3)

POLI 102 Introduction to Comparative Politics (3)

POLI 103 Introduction to Principles and Methods of Political Science (3)

POLI 105 Ethnicity in the American Political Process (3)

POLI 106 Civil Rights and Liberties in the United States (3)

POLI 107 Political Philosophy (3)

POLI 110 Introduction to International Relations (3)

PSYC 101 General Psychology (3)

SOCI 101 Introduction to Sociology (3)

WSTU 101 Introduction to Women's Studies (3)

Total Units: 18-19

PSYCHOLOGY

The psychology program is designed to provide students with a foundation in the science of psychology. Psychology majors will acquire the ability to survey theories critically, research the major areas of psychology, use descriptive and inferential statistics, design and conduct research, and write reports using analysis, argumentation, and proper psychological style. **This major prepares students for career opportunities in fields such as teaching, research, and/or clinical practice. Competencies will be assessed regularly by evaluating student performance on exams, essays, and reports.**

The Associate of Arts for Transfer (AA-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AA-T are given priority consideration for admission to the CSU system, but not to a particular campus or major. In order to earn an AA-T degree, students must complete:

1. Completion of 60 semester units or 90 quarter units of degree-applicable courses that are eligible for transfer to the California State University.
2. Completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
3. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
4. Obtainment of a minimum overall grade point average of 2.0.
5. A grade of "C" (or "P") or better in all courses required for the major or area of emphasis.

Students who have completed the AA-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system. Students transferring to a UC, private, or out-of-state university should consult with a Compton College counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AA-T.

Program Goals and Objectives:

- Logic of the Scientific Method: Students will be able to identify elements of the scientific method and critique their application to the explanation, prediction, and control of mental processes and behavior.
- Fundamental Principles: Students will be able to differentiate and compare fundamental principles of psychology.
- Everyday Application: Students will be able to apply fundamental principles of psychology in their efforts to evaluate everyday life experiences.

Program Requirements for AA-T:**Required Core: 11 units**

- PSYC 101 General Psychology (3)
or
PSYC 101H Honors General Psychology (3)
PSYC 120 Introduction to Statistics and Data Analysis for the Behavioral Sciences (4)
or
MATH 150 Elementary Statistics with Probability (4)
or
MATH 150H Honors Elementary Statistics with Probability (4)
or
SOC 120 Introduction to Statistics and Data Analysis for the Behavioral Sciences (4)
and
PSYC 122 Research Methods in the Behavioral Sciences (4)

List A: 3-4 units

- BIOL 100 Fundamentals of Biology (4)
or
BIOL 100H Honors Fundamentals of Biology (4)
PSYC 107 Physiological Psychology (3)

List B: 6-7 units**Any list A course not already completed**

- PSYC 102 Psychology for Effective Living (3)
PSYC 108 Social Psychology (3)
PSYC 110 African American Psychology (3)
PSYC 112 Human Sexuality (3)
PSYC 115 Abnormal Psychology (3)
PSYC 116 Lifespan Development (3)
PE 275 Sport Psychology (3)
Total Units: 20-21

SOCIOLOGY

The sociology degree provides students with a foundation in the science of sociology. Upon successful completion of the program requirements, the student will acquire an understanding of major sociological concepts and theoretical perspectives on social problems and social life as they apply to the individual, group, and society. Students will also understand the principles of research methods and data analysis. The major prepares students for transfer to four-year colleges and universities as part of preparation for careers in sociology or related fields such as teaching, research, social work, public relations, and counseling. Students will demonstrate their proficiency in sociological competencies through examinations and writing assignments on the major sociological theories, topics of sociological study, and research techniques.

The Associate of Arts for Transfer (AA-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AA-T are given priority consideration for admission to the CSU system, but not to a particular campus or major. In order to earn an AA-T degree, students must complete:

1. Completion of 60 semester units or 90 quarter units of degree-applicable courses that are eligible for transfer to the California State University.
2. Completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
3. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
4. Obtainment of a minimum overall grade point average of 2.0.
5. A grade of "C" (or "P") or better in all courses required for the major or area of emphasis. Students who have completed the AA-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system. Students transferring to a UC, private, or out-of-state university should consult with a Compton College counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AA-T.

Program Goals and Objectives:

- Analysis of Written or Oral Thesis: Upon completion of a course of study in the social sciences programs students will be able to analyze in a written or oral thesis the theoretical and conceptual social science constructs applied to contemporary issues relative to the specific disciplines of Anthropology, Ethnic Studies, Economics, Sociology, and Women's Studies.
- Critical Thinking methodology: Upon completion of a course of study in the social sciences programs, students will be able to apply critical thinking methodology that is consistent within the specific discipline of the program.
- Formulate Research: Upon completion of a course of study within the Social Sciences Program, students will be able to formulate research that is designed to examine social issues in a specific discipline of the program.

Program Requirements for AA-T:**Required Core: 10 units**

- SOCI 101 Introduction to Sociology (3)
or
SOCI 101H Honors Introduction to Sociology (3)
SOCI 104 Social Problems (3)
MATH 150 Elementary Statistics with Probability (4)
or
PSYC 120 Introduction to Statistics and Data Analysis for the Behavioral Sciences (4)
or
SOCI 120 Introduction to Statistics and Data Analysis for the Behavioral Sciences (4)

List A: 6 units

- SOCI 102 The Family (3)
SOCI 107 Issues of Race and Ethnicity in the United States (3)
SOCI 112 Introduction to Criminology (3)
PSYC 108 Social Psychology (3)

List B: 3 units

- ANTH 102 Introduction to Cultural Anthropology (3)
PSYC 112 Human Sexuality (3)
PSYC 116 Lifespan Development (3)
SOCI 108 Global Perspectives on Race and Ethnicity (3)
SOCI 110 Introduction to Social Work (3)
SOCI 115 Sociology of Death and Dying (3)
WSTU 101 Introduction to Women's Studies (3)

Total Units: 19**STUDIO ARTS**

The art program provides students with a comprehensive foundation in the history, theory, and practice of art. Each student acquires observational, compositional, technical, interpretative, and expressive competency through participation in an extensive range of studio art courses. Exposure to a culturally diverse art history curriculum prepares each student to analyze, assess, and discuss works of art from a variety of historical and style periods. Proficiencies are demonstrated through class projects, critiques, research papers, essays, and objective tests. Program assessment is measured by portfolios, juried and public exhibitions, program completion, transferability, and periodic program reviews. Students will be prepared to transfer to a CSU and major in studio arts, and pursue a variety of art-related careers.

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1. Completion of 60 semester units or 90 quarter units of degree-applicable courses that are eligible for transfer to the California State University.
2. Completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
3. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
4. Obtainment of a minimum overall grade point average of 2.0.
5. A grade of "C" (or "P") or better in all courses required for the major or area of emphasis. Students who have completed the AA-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system. Students transferring to a UC, private, or out-of-state university should consult with a Compton College counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AA-T.

Program Goals and Objectives:

- Create/Use of Form: Upon completion of the art program, students will have the ability to create artworks that demonstrate competency in the use of form, media, and technique.
- Critiquing Form and Content: Upon completion of the art program, students will demonstrate the ability to comprehend, identify, analyze, and critique art works in terms of form, medium, style, and content.
- Content Knowledge: Upon completion of the art program, students will demonstrate the ability to critically communicate ideas about art by oral, visual, and/or written methods.
- Researching and Analyzing Art: Upon completion of the art program, students will be able to research and analyze the historical, geographical, and chronological context of art and visual culture.

Program Requirements for AA-T:**Required Core: 12 units**

ART 103	History of Western Art – Proto-Renaissance to 19th Century (3)
ART 110	Drawing Fundamentals I (3)
ART 130	Two-Dimensional Design I (3)
ART 160	Three-Dimensional Design (3)

List A: 3 units

ART 102	History of Western Art – Prehistoric to Gothic (3)
ART 104	History of Western Art –19th Century to Contemporary Times (3)
ART 207	Art History of Mexico and Central and South America (3)
ART 209	History of African Art (3)

List B: 9 units

ART 129	Fundamentals of Color (3)
ART 141	Digital Art Fundamentals (3)
ART 210	Drawing Fundamentals II (3)
ART 219	Watercolor Painting I (3)
ART 220	Watercolor Painting II (3)
ART 222	Fundamentals of Painting I (3)
ART 223	Fundamentals of Painting II (3)
ART 224	Fundamentals of Painting III (3)
ART 230	Two-Dimensional Design II (3)

Total Units: 24**SPANISH**

By completing the degree requirements, the student will acquire proficiency in speaking, reading, writing, and understanding Spanish and will gain knowledge of Spanish and Spanish-American culture. The student will be able to communicate in Spanish, write formal compositions, and read the texts of Spanish and Spanish American authors, all at the Intermediate-Mid level of competency. Competencies will be assessed throughout the language sequence with written and oral exams. This major provides opportunities for continued advanced learning of Spanish and prepares students to transfer and major in Spanish.

The Associate of Arts for Transfer (AA-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the AA-T are given priority consideration for admission to the CSU system, but not to a particular campus or major. In order to earn an AA-T degree, students must complete:

1. Completion of 60 semester units or 90 quarter units of degree-applicable courses that are eligible for transfer to the California State University.
2. Completion of the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
3. A minimum of 18 semester units in a major or area of emphasis, as determined by the community college district.
4. Obtainment of a minimum overall grade point average of 2.0.
5. A grade of "C" (or "P") or better in all courses required for the major or area of emphasis.

Students who have completed the AA-T will have a strong academic foundation in the field and will be prepared for upper division baccalaureate study at the university. The coursework will satisfy most of the lower-division requirements at many institutions within the California State University system. Students transferring to a UC, private, or out-of-state university should consult with a Compton College counselor when planning to complete the degree since transfer requirements may be slightly different than those required for the AA-T.

Program Goals and Objectives:

- Communicating Using Cultural Skills: Upon completion of the acquisition sequence & or AA degree requirements students will be able to communicate using culturally appropriate skills (conversation, reading, writing) in interpersonal, interpretive, and presentational settings.
- Competence in Social, Cultural and Academic Skills: Students will be able to demonstrate competence in an ever increasing complexity of social, cultural and academic topics that will facilitate entry into upper division university programs.
- Communicating in the Work Force: Real world communication skills combined with culturally appropriate use of lexicon and syntax necessary for employment where bilingual and multicultural abilities are beneficial.

Program Requirements for AA-T:**Required Core: 16 units from:**

SPAN 101	Elementary Spanish I (4)
SPAN 102	Elementary Spanish II (4)
SPAN 103	Intermediate Spanish I (4)
	or
SPAN 152	Spanish for Native Speakers I (4)
SPAN 104	Intermediate Spanish II (4)
	or
SPAN 153	Spanish for Native Speakers II (4)

List A: 3-5 units

SPAN 105	Advanced Spanish I (3)
SPAN 106	Advanced Spanish II (3)
SPAN 121	Beginning Conversational Spanish (2)
SPAN 122	Intermediate Conversational Spanish (2)

Total Units: 19-21**Transfer Studies –
Certificate of Achievement**

The Transfer Studies Certificate of Achievement provides students with the opportunity to explore diverse methods of inquiry through course work required for fulfilling California State University General Education Breadth requirements or the Intersegmental General Education Transfer Curriculum (IGETC). Students will develop critical thinking skills, learn to communicate effectively in writing, and acquire an understanding of major concepts, issues, and diverse viewpoints. Through course options, students will use mathematical concepts to solve problems, employ methods of scientific inquiry to understand the world around them, and investigate the arts, humanities and social and behavioral sciences.

CSU General Education-Breadth:

A Certificate of Achievement will be granted to students who complete a minimum of 39 units from category A through E of the CSU general education requirements.

Note: To receive full certification of the CSU general education pattern, a grade of C or better is required in areas A and B4. Certification means that Compton College students have completed the lower division general education requirements for the CSU. Students must request certification in the Admissions Office.

Note: Completion of CSU General Education Breadth requirements alone is not enough to make students eligible for admission to a CSU. Please consult with a counselor for details on completing transfer admission requirements.

Total Units: 39**Intersegmental General Education Transfer Curriculum (IGETC):**

A Certificate of Achievement will be granted to students who complete a minimum of 34 units to fulfill the IGETC pattern requirements.

Note: To receive full certification of the IGETC pattern, a grade of C or better is required in each course. Certification means that Compton College has verified that students have completed the lower division general education requirements for IGETC. Students must request certification in the Admissions Office.

Note: Completion of the IGETC requirements alone is not enough to make students eligible for admission to a CSU or UC. Please consult with a counselor for details for completing transfer admission requirements.

Total Units: 34**WELDING**

The welding program prepares students for employment in the field and provides opportunities for currently employed personnel to upgrade their skills. By completing the degree requirements, students gain proficiency in oxy-acetylene cutting, plasma arc cutting, shielded metal arc welding, gas metal arc welding, gas tungsten arc welding, and flux cored welding. Students develop skills in welding ferrous and non-ferrous alloys in flat, horizontal, vertical, and overhead positions and gain skills in layout, fabrication, reading engineering drawings and pipe welding. The program also provides training for students to prepare for AWS D1.1 certification. Competencies will be assessed regularly in accordance with criteria established by the American Welding Society (AWS), the American Petroleum Institute, the American Society of Mechanical Engineers and the American National Standards Institute. At least 50 percent of the major requirements for the Associate in Science degree must be completed at Compton College.

Program Goals and Objectives:

- Success in the Welding Industry Success in the Welding Industry Upon completion of the Welding program, students will be able to demonstrate knowledge of the skills needed for success in the welding industry.
- Safety Knowledge and Skills Upon completion of the Welding program, whether in the certificate program or degree program, students will acquire and be able to use specific safety knowledge and skills relating to welding discipline and will be able to apply those skills to specific job requirements.
- Attaining Certificates, Degrees, Transferring and Attaining Job Upon completion of the Welding program, students will successfully earn a certificate/graduate transfer to 4-year universities and will successfully compete for jobs in which they can apply their knowledge and communicative skills acquired in welding program.

Program Requirement for AS Degree:**Required Core: 8 units**

WELD 108	Introduction to Multi-Process Welding (4)
WELD 109	Advanced Welding for Manufacturing (4)
WELD 111	Introduction to Shielded Metal Arc Welding (SMAW) (4)
WELD 113	Intermediate Shielded Metal Arc Welding (SMAW) (4)
WELD 125	Advanced Certification and Career Preparation Lab (2)
WELD 129	Blueprint Reading (3)
WELD 140	Introduction to Gas Tungsten Arc Welding (GTAW) (3)

8 units from:

WELD 128	American Welding Society (AWS) D1.1 Certification Test Preparation (3)
WELD 142	Intermediate Gas Tungsten Arc Welding (GTAW) (3)
WELD 150	Structural Fabrication (5)

5-6 units from:

WELD 105	Basic Welding for Allied Fields (3)
WELD 123	Advanced Arc Welding Specialty Lab (2)
WELD 144	Advanced Gas Tungsten Arc Welding (GTAW) Skills Lab (2)

Total Units: 26-28**Recommended Electives:**

ACR 136	Electrical Applications (4)
ACR 161	Fundamentals of Automation Systems (3)
BUS 117	Personal Finance (3)
MTT 101	Introduction to Conventional and CNC Machining (4)
MTT 110	Introduction to CAD/CAM (3)
MTT 160	General Metals (3)

Note: Students granted course credit for Welding 111 or Welding 140 may take an elective to satisfy the unit requirement for the degree and certificate.

Welding – Certificate of Achievement**Program Requirements:****Required Core: 13-14 units**

WELD 108	Introduction to Multi-Process Welding (4)
WELD 109	Advanced Welding for Manufacturing (4)
WELD 111	Introduction to Shielded Metal Arc Welding (SMAW) (4)
WELD 113	Intermediate Shielded Metal Arc Welding (SMAW) (4)
WELD 125	Advanced Certification and Career Preparation Lab (2)
WELD 129	Blueprint Reading (3)
WELD 140	Introduction to Gas Tungsten Arc Welding (GTAW) (3)

8 units from:

WELD 128	American Welding Society (AWS) D1.1 Certification Test Preparation (3)
WELD 142	Intermediate Gas Tungsten Arc Welding (GTAW) (3)
WELD 150	Structural Fabrication (5)

5-6 units from:

WELD 105	Basic Welding for Allied Fields (3)
WELD 123	Advanced Arc Welding Specialty Lab (2)
WELD 144	Advanced Gas Tungsten Arc Welding (GTAW) Skills Lab (2)

Total Units: 21-22

CERTIFICATES OF ACCOMPLISHMENT

Certificate of Accomplishment is awarded to students who complete the prescribed program with a 2.0 GPA or above.

AUTOMOTIVE COLLISION REPAIR/PAINTING Damage Estimating

Program Requirements:

- ACRP 136 Introduction to Automotive Collision Estimating (3)
- ACRP 138 Computerized Collision Damage Estimating (3)

Total Units: 6

Automotive Collision Investigation

Program Requirements:

- ACRP 120 Automotive Collision Investigation (3)
- ACRP 122 Automotive Repair Fraud (3)

Total Units: 6

Automotive Accident Reconstruction

Program Requirements:

- ACRP 124 Automotive Collision Analysis (3)
- ACRP 126 Automotive Accident Reconstruction (3)

Total Units: 6

AUTOMOTIVE TECHNOLOGY Automotive Air Conditioning Technician

Program Requirements:

- A TEC 181 Automotive Air Conditioning (3)

Total Units: 3

Automotive Brakes and Suspension Technician

Program Requirements:

8 units from:

- A TEC 111 Brakes, Suspension and Four Wheel Alignment (8)
- A TEC 114 Brakes (4)
- A TEC 116 Suspension and Four Wheel Alignment (4)

Total Units: 8

Automotive Engine Rebuilding and Repair Technician

Program Requirements:

8 units from:

- A TEC 141 Engine Rebuilding (8)
- A TEC 142 Engine Repair (8)
- A TEC 143 Introduction to Engine Repair (4)
- A TEC 145 Automotive Machining (4)

Total Units: 8

Automotive Transmission and Drive Train Technician

Program Requirements:

8 units from:

- A TEC 133 Transmissions, Drive Train and Drive Axles (8)
- A TEC 134 Automatic Transmissions (4)
- A TEC 135 Manual Transmission, Drive Train and Drive Axles (4)

Total units: 8

COSMETOLOGY

Cosmetology Level I

Program Requirements:

Required Core: 13 units

- COSM 101 Introduction to Cosmetology Procedures (13)

or

- COSM 104 Introduction to Cosmetology I (6.5)
- COSM 105 Introduction to Cosmetology II (6.5)

Total Units: 13

PHYSICAL EDUCATION

Fitness Trainer

Program Requirements:

- FAID 101 First Aid, Cardiopulmonary Resuscitation (CPR) and Basic Emergency Care (3)
- PE 110 Body Conditioning and Physical Fitness (1)
- PE 277 Introduction to Kinesiology (3)
- PE 280 Exercise and Nutrition Programs for Fitness and Weight Management (3)
- PE 290 Personal Fitness Trainer (3)

Total Units: 13



Announcement of Courses

General Course Information

Catalog Course Description

The courses and programs presented on the next pages meet standards approved by the Board of Governors of the California Community Colleges as stated in the California Administrative Code, Title 5, Section 55002. All courses are taught by qualified instructors in accordance with a set of instructional objectives common to all students. Appearance of a course description in this catalog does not obligate Compton College to offer the course in any particular semester. For courses offered in a particular term, refer to the Schedule of Classes that is published every fall, spring, and summer. The Schedule of Classes is available on the web at www.compton.edu/student-services/admission-and-records/ClassSchedule and may be obtained at the Bookstore for a nominal fee.

Course Numbering

Courses listed in this catalog are one-semester courses. Those with an upper case letter after the number, such as English 1A-1B, are a sequence and are organized accordingly.

Lower case letters after the course number, such as Music 259abcd, indicate the number of semesters the student may enroll in the course. Course sequences with a numerical designation only indicate that the subject be taken in the order beginning with the lowest number. Spanish 1, 2, 3, and 4 is an example.

Numbering on non-sequential courses does not necessarily indicate the order in which such courses must be taken. In all cases, the prerequisites and corequisites must be met before a student will be permitted to enroll.

Prerequisite, Corequisite, Recommended Preparation, Enrollment Limitation

Prerequisite: A Prerequisite is a condition of enrollment that a student is required to meet before enrolling in a course or educational program. A student who has not met the prerequisite would be highly unlikely to succeed in the course.

Corequisite: A Corequisite is a course that a student is required to take simultaneously to enroll in another course.

Recommended Preparation: Recommended Preparation is a condition of enrollment that a student is advised, but not required, to meet before, or in conjunction with, enrollment in a course or educational program.

Enrollment Limitation: An Enrollment Limitation means that a student may be required to meet certain conditions before enrolling in a course. This may apply to such courses as intercollegiate competition courses, public performance courses or honors courses.

A course Prerequisite, Corequisite, Recommended Preparation or Enrollment Limitation is subject to change. Questions regarding the status of the conditions of enrollment for a particular course should be directed to the academic division responsible for the course.

Challenging a Prerequisite or Corequisite:

A student has the right to challenge a prerequisite or on the basis of any one, or combination of, these conditions:

1. The prerequisite or corequisite has not been established in accordance with the College's Prerequisite Policy.
2. The prerequisite or corequisite is in violation of Title 5 (California Code of Regulations).
3. The prerequisite or corequisite is unlawfully discriminatory or is applied in an unlawfully discriminatory manner.
4. The student has the knowledge or ability to succeed in the course or program despite not meeting the prerequisite or corequisite.
5. The prerequisite or corequisite course has not been made reasonably available.
6. The student seeks to enroll in a course which involves intercollegiate competition or public performance and if denied admittance, he or she would be delayed by a semester or more in attaining his or her degree or certificate.
7. The student seeks to enroll in a course which has a prerequisite established to protect health and safety, and the student demonstrates that he or she does not pose a threat to himself or herself or to others. A student should contact either the Counseling Division or the appropriate academic division office to obtain procedures and forms for filing a challenge.

Course Credit Codes

A “Credit, degree applicable” course is a course which has been designated as appropriate to the associate degree in accordance with the requirements of Title 5, Section 55002. A “Credit, not degree applicable” course is a college course for which credit is granted but is not applicable to the associate degree. A “Noncredit course” meets particular needs of a student but carries no college credit.

Course Transferability

The course transferability notation indicates if the course is transferable to the CSU and/or UC systems. For example, “Transfer CSU, UC” means a course is acceptable for admission eligibility purposes as a general education requirement or major requirement or for elective credit by the California State University and the University of California systems. If followed by an asterisk (UC*), there is a unit limitation on transferability. For details, see a counselor, the Transfer Center or the Articulation Officer. Students planning to transfer to a college or university should consult the transfer guide sheets available in Counseling Services, visit the Transfer Center, or view www.assist.org.

Compton College has arranged transferability of courses through articulation agreements with various private colleges and universities. For details, see a counselor, the Transfer & Career Center.



COURSE DESCRIPTIONS

ACADEMIC STRATEGIES

AS1 - Individualized Academic Strategies

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0
Grading Method: Pass/No Pass **Credit Status:** Credit, not degree applicable
Transfer: Not Transferable
Conditions of Enrollment: None

This laboratory course emphasizes self-paced individualized instruction based on computerized diagnoses of difficulties in reading and/or mathematical computation. After diagnoses, individualized instructor-led and computer-based interventions are offered to improve reading and/or math skills.

Note: Pass/No Pass only

AS 60 - Strategies for Success in Distance Education

Units: 1 **Lecture Hours:** 18 **Lab Hours:** 0 **Outside Hours:** 36
Grading Method: Letter **Credit Status:** Credit, not degree applicable
Transfer: Not Transferable
Conditions of Enrollment: None

The goal of this course is to prepare students for taking distance education classes. This course covers the basics of taking an interactive, asynchronous distance education course via the Internet or other computer-based systems. Use of e-mail, online class interactions such as discussion groups, internet access, equipment needs and differences between online and onsite courses will be covered.

ADMINISTRATION OF JUSTICE

AJ 100 - Introduction to Administration of Justice

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: Recommended Preparation: English A

This course introduces students to the characteristics of the criminal justice system in the United States. Focus is placed on examining crime measurement, theoretical explanations of crime, responses to crime, components of the system, and current challenges to the system. The course examines the evolution of the principles and approaches utilized by the justice system and the evolving forces which have shaped those principles and approaches. Although justice structure and process are examined in a cross cultural context, emphasis is placed on the United States justice system, particularly the structure and function of police, courts, and corrections. Students are introduced to the origins and development of criminal law, legal process, sentencing, and incarceration policies.

AJ 103 - Concepts of Criminal Law I

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: Recommended Preparation: English A

In this course, students examine the historical development and philosophy of law and its application to the criminal justice system. Topics covered include legal research, case law, classifications of crime, crimes against persons and property, and crimes against the state.

AJ 106 - Criminal Justice Recruitment and Selection**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** English 84

This course presents an overview of the criminal justice recruitment and selection process, and provides opportunities to gain knowledge and skills that will enable students to be more successful at passing the various testing phases in a criminal justice testing and background investigation process. Instruction begins with the application phase, then addresses the various steps in the hiring process including: the written examination, oral interview, written and oral psychological exams, polygraph exam, physical agility test and background investigation.

AJ 107 - Crime and Control - An Introduction to Corrections**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** English A

This is a basic course covering crime, criminal behavior and social attempts at controlling such behavior. Emphasis in this course is placed on traditional types of punishment, such as incarceration, as well as rehabilitation, probation, parole and diversion. Incarceration issues include officer and inmate safety, physical security aspects of prison, inmate discipline and code of conduct. Rehabilitation topics include education, job skills training and parole. This course covers the basic career skills and knowledge required for employment as detention officers in custodial institutions, probation and parole.

AJ 109 - Introduction to Police Patrol Procedures**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** English 84

This course covers the study of the history and development of police patrol. Topics covered include functions of patrol, investigative duties of the field officer, techniques for planning patrol activities, handling complaints and requests for service, field interviews, searches, seizures and arrests, civil and domestic disturbances and the handling of traffic related problems.

AJ 111 - Criminal Investigation**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Administration of Justice 109 and English A

This course covers the fundamentals of criminal investigation. Topics include the techniques of crime scene search and recording, collection and preservation of physical evidence, modus operandi processes, sources of information, interview and interrogation, and follow-up investigation.

AJ 115 - Community and Human Relations**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** English A

This course examines the complex, dynamic relationship between communities and the justice system in addressing crime and conflict with an emphasis on the challenges and prospects of administering justice within a diverse multicultural population. Topics include the shared and conflicting values in culture, religion, and law.

AJ 121 - Introduction to Emergency Management**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Administration of Justice 150 and English A

This course introduces students to the fundamentals of emergency management. Students will learn the principles of emergency management, and will become familiar with the major issues confronting emergency management providers. The course will emphasize the elements of the Incident Command System. Students will participate in a series of simulated emergency management exercises. Case studies of large scale emergency events will be covered.

AJ 126 - Juvenile Delinquency and Legal Procedures**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** English A

This course is an examination of the origin, development, and organization of the juvenile justice system as it evolved in the American justice system. The course explores the theories that focus on juvenile law, courts and processes, and the constitutional protections extended to juveniles administered in the American justice system.

AJ 130 - Criminal Procedures**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** English A

This course is an in-depth study of the procedures by which a criminal defendant is tried. As enumerated by the Constitution's due process clauses of the Fifth and Fourteenth Amendments, this course examines how this process functions from the point at which a crime is committed to arrest, trial and appeal.

AJ 131 - Legal Aspects of Evidence**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** eligibility for English A

This course covers the legal aspects of evidence and the constitutional and procedural considerations affecting arrest, and search and seizure. Topics covered include types of evidence and rules governing their admissibility, judicial decisions interpreting individual rights and case studies viewed with respect to how they are applied in a criminal process from arrest to trial.

AJ 132 - Forensic Crime Scene Investigation**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course provides students with an introduction to forensic crime scene investigation (CSI). It examines the methods utilized in the forensic analysis of crime scenes, pattern evidence, instruments, firearms, questioned documents and controlled substances. Topics covered will include the workings of a CSI unit, an overview of the relationship between forensic science and law enforcement, as well as evidence collection and analysis rules.

AJ 133 - Fingerprint Classification and Investigation**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course covers the basic principles of fingerprints, including lifting, classification, and identification. The history and scientific basis for fingerprints are studied in relation to current practices and procedures.

AJ 134 - Introduction to Crime Analysis**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Recommended Preparation:* English A

This course is designed to develop basic crime analysis skills needed in today's law enforcement environment. Students will analyze data and transform their analyses into specific and proactive plans to combat crime-related problems. The course prepares law enforcement professionals, both sworn and civilian, who are integrally involved in community-based policing programs, which respond to a community's quality-of-life issues.

AJ 135 - Report Writing**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Recommended Preparation:* Administration of Justice103 and English A

In this course, students develop the ability to observe, record and document facts from which a police or criminal justice report could be written. Facts presented are based on simulated crimes that include crime scenes with evidence and witness statements. Students complete a variety of law enforcement report forms and construct police report narratives using proper spelling, grammar and sentence structure in a manner that satisfies typical requirements for a criminal investigation or prosecution.

AJ 142 - Introduction to Digital Evidence

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Administration of Justice100 and English A

This course provides students with an understanding of digital crime scene investigation. Topics include court presentation of evidence requirements involving digital forensic evidence, digital imaging, and metadata. Recognized legal and professional standards will be reviewed. Students will be exposed to contemporary digital forensic tools and processes used in collecting digital evidence from seizure to the admission as evidence in a criminal trial. Procedural and legal issues in the handling, processing, and examination of digital evidence will be studied. Students will learn about methods of handling the chain of custody regarding some digital evidence, and discovery procedures.

AJ 149 - Penal Code 832 - Arrest and Firearms

Units: 3 **Lecture Hours:** 45 **Lab Hours:** 27 **Outside Hours:** 90

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: English 84

Enrollment Limitation: Students must have a Department of Justice (DOJ) background clearance prior to enrolling in this course.

This course is designed to meet the minimum requirements for training as required by Penal Code Section 832 and certified by the California Commission on Peace Officer Standards and Training (P.O.S.T.). The course is certified by P.O.S.T. in the areas of laws of arrest, ethical use of force, arrest and control methods, and firearms training. The course has 38 hours of lecture covering California laws of arrest and firearms, 10 hours of training in arrest and control methods, and 24 hours of training in the use of firearms, for a total of 72 hours. The course will cover the basic fundamentals of the laws of arrest, arrest and control methods, and the basic principles of firearms training that will enhance an individual's ability to meet the State's minimum requirements for employment in a law enforcement or allied agency.

Note: Letter grade or pass/no pass option.

Note: Students pay fees for this course for Department of Justice background check and clearance, firing range, ammunition and targets.

AJ 150 - Introduction to Homeland Security

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: English A

This course provides an overview of important components of Homeland Security, including various agencies and their interrelated responsibilities. Topics include historical events, critical threats, and legislative constraints that impact national security. The course clarifies the roles of military agencies and local, federal, and international law enforcement in combatting terrorism and identifies characteristics, ideologies, motives, and behaviors of extremist groups that foster and support terrorist activities. Students will examine and interpret forensic evidence to reconstruct crimes of terrorism.

AJ 152 - Intelligence and Security Management**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Administration of Justice 150 and English A

This course provides an introduction to intelligence analysis and security management, focused on the prevention of terrorist attacks and other threats to national security. Students learn about the national defense system, including private sector defense, and explore the vulnerabilities of these systems. Students are exposed to the intelligence community, how it operates, and examine issues regarding intelligence support of the Department of Homeland Security.

AJ 154 - Transportation and Border Security Management**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Administration of Justice 152 and English A

This course provides an overview of modern border and transportation security challenges. Different methods designed to address these challenges will be explored. The course covers a time period from post 9/11 to present. Topics associated with border security and security for transportation infrastructure include: ships, aircraft, railways, pipelines, and highways. Additional topics include technological solutions employed to enhance security of borders and transportation systems. Students will discuss the legal, economic, political, and cultural concerns as well as impacts associated with transportation and border security.

AJ 156 - Introduction to Terrorism and Counterterrorism**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Administration of Justice 152 and English A

This course will provide students with an overview of domestic and transnational terrorism. Varying definitions, perspectives, and underlying causes will be explored along with terrorist weapons of choice. Terrorist and counterterrorist organizations will be examined, as well as incidents involving terrorist efforts, successes, and failures.

AJ 170 - Constitutional Law for Criminal Justice**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** English A

In this course, students examine the history and development of the United States Constitution and related case law decisions. Emphasis is given to the application of the Constitution as it relates to the administration of justice including free speech, free assembly, use of force, laws of arrest, search, seizure, right to counsel, and due process.

AJ 95 - Cooperative Work Experience Education

Units: 2-4 **Lecture Hours:** 0 **Lab Hours:** hours to be arranged
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU

Conditions of Enrollment: None

Enrollment Limitation: Employment or volunteer work in a position related to the student's major or career goal by the second week of the semester. Completion of or current enrollment in one course from the major. Through a set of learning objectives established by the student, supervisor, and instructor, each student will work with and learn from experts in the Administration of Justice field. These experiences will enable students to improve job skills, analyze career opportunities and requirements, and compare them to personal abilities and career expectations.

Note: Transfer limitations apply.

Note: The total units earned for Cooperative Work Experience Education may not exceed 16 units.

AJ 99 - Independent Study

Units: 1-3 **Min Lecture Hours:** 54 **Max Lecture Hours:** 162
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU

Conditions of Enrollment: None

Enrollment Limitation: Two courses in Administration of Justice with a minimum grade of B in each and acknowledgment by the instructor with whom the student will work

This course provides special advanced studies in a subject field of Administration of Justice not covered in the regular departmental offerings. Regular conferences with the instructor are coordinated with assigned Administration of Justice projects (54 hours per unit).

Note: Transfer limitations apply.

AIR CONDITIONING AND REFRIGERATION

ACR 121 - Air Conditioning Fundamentals

Units: 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU

Conditions of Enrollment: None

This course is designed to introduce students to air conditioning and refrigeration theory and provide an overview of the skills needed for employment in the industry. Topics introduced include safety, air conditioning system operation and components, brazing, electrical applications, service tools and equipment.

ACR 123 - Commercial Refrigeration Applications

Units: 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Air Conditioning & Refrigeration 121 with a minimum grade of C or equivalent

This course explores refrigeration theory, characteristics of refrigerants, temperature and pressure, tools and equipment, soldering, brazing, commercial refrigeration systems, system components, compressors, evaporators, and metering devices. Students will learn to charge commercial systems with new Environmental Protection Agency (EPA) refrigerants and evaluate the proper operation of systems. Troubleshooting techniques are explained with the use of wiring diagrams and electric meters. Students will learn to service and troubleshoot commercial refrigeration ice machines, coolers, walk-ins, refrigerators, and freezers. Students will be introduced to a variety of commercial refrigeration systems and components.

ACR 125 - Energy Efficient Residential, Commercial and Industrial Air Conditioning**Units:** 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Air Conditioning & Refrigeration 121 with a minimum grade of C or equivalent

This course covers energy efficient green technology (high efficiency), advanced residential, commercial and industrial air conditioning. Labs include the use of air conditioning test equipment, installation, repair and maintenance of various types of air conditioning systems. Topics include various techniques of troubleshooting electrical and mechanical problems; equipment operational efficiencies and building envelope condition; performing indoor air-quality and system efficiency testing; and system airflow and operational efficiencies.

ACR 127 - Heating Technologies**Units:** 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Air Conditioning & Refrigeration 121 with a minimum grade of C or equivalent

This course covers the principles of gas, electric, radiant and boiler operated heating systems. Classroom discussions focus on maintenance, repair and service techniques for furnaces, steam and hot water boilers. Laboratory exercises emphasize the use of test instruments and safety controls.

ACR 130 - Electric Controls**Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Air Conditioning & Refrigeration 121 with a minimum grade of C or equivalent

This course covers the study of electrical and electronic components, motors, and circuitry for air conditioning and refrigeration controls. Students apply theoretical principles in diagnosing electrical and electronic problems and safely make necessary repairs to Refrigeration, Heating, Ventilating and Air Conditioning (HVAC) systems. Energy efficiency practices and process related to electric and electronic controls is the focus of this course.

ACR 131 - HVAC Electronics**Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Air Conditioning & Refrigeration 121 with a minimum grade of C or equivalent

In this course, the fundamentals of Direct Digital Controls (DDC) used in Heating, Ventilation, Air Conditioning and Refrigeration (HVACR) systems are presented. The topics covered include DDC system components, single and multi-function electronic controls, DDC and pneumatic Variable Air Volume (VAV) systems, variable speed motors, controllers, programmable and configurable logic controller operation and application, introduction to communication protocols, and electronic diagram interpretation.

ACR 134 - HVAC Customer Service and Industry Certifications

Units: 1 **Lecture Hours:** 18 **Lab Hours:** 0 **Outside Hours:** 36

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Air Conditioning & Refrigeration 121

This is a course in Heating, Ventilation and Air Conditioning (HVAC) customer service, Environmental Protection Agency (EPA) Section 608 and Section 609 Technician Certifications, and North American Technician Excellence (NATE) Certification. Topics include communication skills, problem solving, interview skills, refrigerant recovery and recycling, laws, regulations and energy efficiency. Students learn vital workplace skills through designed exercises as well as how employers evaluate these skills. Students can prepare for universal EPA and NATE certification.

ACR 136 - Electrical Applications

Units: 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Air Conditioning & Refrigeration 121

This course focuses on basic electrical theory and training in installing, servicing, troubleshooting, and operating electrical control systems for air conditioning and refrigeration technology with the use of electrical diagrams. Single phase and three phase electrical power for air conditioning and refrigeration systems are covered in classroom discussions and laboratory assignments.

ACR 160 - Refrigeration and Air Conditioning Control Systems

Units: 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Prerequisite: Air Conditioning & Refrigeration 136 with a minimum grade of C or equivalent

This course explores control system theory, electrical components and complex control systems with emphasis on supervisory control systems which employ direct digital, proportional and integral control modes and theoretical faults. The course provides the foundational skills required to analyze and service basic circuits as well as, complex analog control circuitry.

ACR 161 - Fundamentals of Automation Systems

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Air Conditioning & Refrigeration 121 or Air Conditioning & Refrigeration 131

This course is an introduction to the fundamentals of automation, commissioning, re-commissioning, retro-commissioning, installation, service and troubleshooting of mechanical, electrical, and Direct Digital Control (DDC) systems for the Heating, Ventilation, Air-Conditioning, and Refrigeration (HVACR) industry. This course includes a review of automation system communication protocols and unit supervisory level programming.

ACR 162 - Energy Control and Optimization Systems**Units:** 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** Prerequisite: Air Conditioning & Refrigeration 161 with a minimum grade of C

In this course students will apply knowledge gained to develop, plan, direct, implement, optimize, and sustain system energy efficiency and control in single and multi-site locations. Course topics include direct digital controls, programmable controls, configurable controllers, multi-zone systems, communication protocols, control system commissioning, logic circuits, object and property program structure, and interoperability.

ACR 95 - Cooperative Work Experience Education**Units:** 2-4 **Lecture Hours:** 0 **Lab Hours:** hours to be arranged**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None**Enrollment Limitation:** Employment or volunteer work in a position related to the student's major or career goal by the second week of the semester. Completion of or current enrollment in one course from the major.

Through a set of learning objectives established by the student, supervisor, and instructor, each student will work with and learn from experts in the Air Conditioning and Refrigeration field. These experiences will enable students to improve job skills, analyze career opportunities and requirements, and compare them to personal abilities and career expectations.

*Note: Transfer limitations apply.**Note: The total units earned for Cooperative Work Experience Education may not exceed 16 units.***ACR 99 - Independent Study****Units:** 1-3 **min Lecture Hours:** 54 **max Lecture Hours:** 162**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None**Enrollment Limitation:** Two courses in Air Conditioning and Refrigeration with a minimum grade of B in each and acknowledgment by the instructor with whom the student will work

This course provides special advanced studies in a subject field of Air Conditioning and Refrigeration not covered in the regular departmental offerings. Regular conferences with the instructor are coordinated with assigned Air Conditioning and Refrigeration projects (54 hours per unit).

*Note: Transfer limitations apply.***ANATOMY****ANAT 130 - Essentials of Anatomy and Physiology****Units:** 4 **Lecture Hours:** 36 **Lab Hours:** 108 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Recommended Preparation:* English 84

This course is the study of anatomy coupled with physiology. Students compare the structure and function of human organ systems to those of other vertebrates. The laboratory includes dissection of sheep brains and hearts, cow eyes and other vertebrates. Laboratory experiments reinforce principles of anatomy and the basic principles of chemistry, cell biology, histology, embryology, and genetics.

Note: This course may satisfy the anatomy requirements for other health-related programs. It does not satisfy the requirements for the Bachelor of Science in Nursing.

ANAT 132 - General Human Anatomy

Units: 4 **Lecture Hours:** 36 **Lab Hours:** 108 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* Anatomy 130 or Biology 100 and English 84

This in-depth course covers all eleven systems of the human body including related histology and pathology. The systems covered are skeletal, muscular, nervous, integument, respiratory, digestive, reproductive, urinary, endocrine, immune, and lymphatic. Models of the human body and dissection of higher vertebrates are emphasized in laboratory. The course is designed for science, health-related, pre-nursing (Bachelor of Science in nursing), and pre-professional majors.

ANATOMY AND PHYSIOLOGY

APHY 134 - Anatomy and Physiology I

Units: 4 **Lecture Hours:** 54 **Lab Hours:** 90 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Chemistry 102 or Chemistry 120 or Chemistry 104 with a minimum grade of C in prerequisite or equivalent or concurrent registration

This is the first semester of the two-semester Anatomy and Physiology lecture and lab course. It is an in-depth course examining major organ systems, their morphology and functions as well as some of their common pathologies. Topics include an introduction to the human body, chemical and biochemical principles, cell morphology and function, cell division, genetics and histology. In the first semester, the students study the integumentary, skeletal, and muscular systems, as well as the first half of the nervous system. Laboratory investigations include models of the human body and dissection of higher vertebrates, in addition to physiological experiments. The course is designed for science, health-related, pre-nursing (Bachelor of Science in Nursing), and pre-professional majors.

APHY 135 - Anatomy and Physiology II

Units: 4 **Lecture Hours:** 54 **Lab Hours:** 90 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Anatomy and Physiology 134

This is the second semester of the two-semester Anatomy and Physiology lecture and lab course. Topics examined include: special senses, autonomic nervous system, endocrine system, cardiovascular system, lymphatic system and immunity, respiratory system, digestive system and nutrition, cellular respiration, urinary system, fluid, electrolyte, and acid-base balance, reproductive system, genetic conditions and disorders, embryology and development. Laboratory investigations include models of the human body and dissection of higher vertebrates, in addition to physiological experiments. The course is designed for science, health-related, pre-nursing (Bachelor of Science in Nursing), and pre-professional majors.

ANTHROPOLOGY

ANTH 101 - Introduction to Physical Anthropology

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* eligibility for English 101

This course explores and emphasizes the evolution and biological diversity of the human species and our closest living relative, the non-human primates. Topics include genetics, mechanisms of evolutionary change, human variation, and the reconstruction of human evolutionary history through examination of the fossil record.

ANTH 102 - Introduction to Cultural Anthropology

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* eligibility for English 101

This course will provide students with an introduction to culture theory as well as to the cross-cultural understanding of human behavior. Emphasis will be placed on subsistence strategies; marriage and kinship institutions; levels of sociopolitical organization; religious systems; and the effects of cultural change, mainly as the result of European expansion, industrialization, and globalization.

ANTH 103 - Introduction to Archaeology

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* eligibility for English 101

This course is a survey of the field of archaeology in the United States and abroad. It traces the history of archeology and reviews the concepts, topics of concern, and research methodologies commonly encountered within the field of archaeology. Students will be introduced to basic techniques of soils analysis and archaeological materials analysis.

ANTH 104 - Language and Culture

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* eligibility for English 101

This course introduces students to the anthropological study of language. Using a cross-cultural perspective, students will examine the relationship between culture and the ways in which humans communicate. Topics include language acquisition, structure, diversity and change. The social and non-verbal aspects of language will also be explored.

ANTH 106 - Native Peoples of North America**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is designed to provide an understanding of the origins, culture areas, and cultural characteristics of native peoples north of Mexico. Topics include the prehistory of these aboriginal New World populations, cultural adaptations to various environments, and interactions with non-natives during and following the period of European expansion.

ANTH 107 - Native Peoples of South America**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course focuses on the study of the native peoples of South America. Special emphasis is placed on the understanding of the relationship between the environmental zones of South America and the social, economic, political, and religious institutions of indigenous societies. The current conditions of South American indigenous groups, most often the result of colonialist policies which include globalization and modernization, are also examined.

ANTH 108 - Ancient Civilizations of Mesoamerica**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course traces the development of the indigenous societies of this region from the entry of humans into the Americas at the end of the Upper Paleolithic until the invasion of the Spaniards in the early sixteenth century. Special attention will be given to those societies that achieved chiefdom or state-level political complexity. Topics will include the languages, writing systems, belief systems, political systems, economies, monuments and art of these peoples.

ANTH 109 - Women, Culture, and Society**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is a cross-cultural survey of women's experiences in various types of societies including band, tribal, chiefdom, and state level societies. Topics will include women's roles in subsistence strategies, economics, kinship, marriage and the family, political organization, religion, and expressive culture, as well as the crosscultural social dynamics between men and women. The changing status of women in diverse cultures, the impact of biology and culture on sex roles, and alternate gender categories found in traditional societies will also be examined.

ANTH 111 - Anthropology of Religion, Magic and Witchcraft**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is a cross-cultural and evolutionary survey of the supernatural. It includes an examination of magic and witchcraft practices and the different functions they play in various world societies, including hunting and gathering groups, and tribal and state level societies. Religious beliefs, symbolism and ritual are explained from an anthropological perspective.

ANTH 112 - Ancient Civilizations of the Old World**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course traces the emergence of earliest states of the Middle East, Asia, and Europe. The cultural achievements linked to state development are traced through a survey of evidence recovered from the archaeological record, including the earliest written texts. Social and cultural antecedents of the earliest states in the Middle East will be explored. Students will be introduced to anthropological theories that seek to model and explain the features and institutions of state-level societies.

ART**ART 101 - Art and Visual Culture: A Global Perspective****Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is an introduction to art and visual culture across time and diverse cultures with a global perspective. Examining works of art through themes, theory, terminology and media, students acquire analytical and interpretive skills to develop visual literacy as well as an understanding of the role of art and visual culture in relation to contemporary life. This course explores how meaning is constructed, transmitted and negotiated in an increasingly visual world.

ART 102 - History of Western Art – Prehistoric to Gothic**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course surveys the history of Western art from the prehistoric era through the Gothic period with an emphasis on the relation of artworks to historical and cultural contexts by examining the effects of shifting social, political, philosophical, and spiritual paradigms on the production of art.

ART 103 - History of Western Art - Proto-Renaissance to 19th Century**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Recommended Preparation:* eligibility for English 101

This course surveys the history and development of Western painting, sculpture, and architecture in relation to changing social, political, religious, and philosophical conditions from the 14th through the 19th centuries. The focus is on the Proto-Renaissance, Renaissance, Mannerism, and Baroque periods in Italy, Spain, Flanders, The Netherlands, France, England, Germany and the New World.

ART 104 - History of Western Art - 19th Century to Contemporary Times**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Recommended Preparation:* eligibility for English 101

This course is a survey of the history, development, and evolution of painting, sculpture, architecture, photography, and related art forms of Western Europe and the United States from the mid-nineteenth century to the late-twentieth century. Artworks, art movements, and art styles are studied in relation to relevant social, political, philosophical, and technological factors, and the accelerating changes that characterize the modern era. Students will see how the aesthetic of newness, originality, anti-academicism, and radical formal invention characteristic of avant-garde modernism was rooted in the deep-seated societal changes and values that defined modernity. Students will be introduced to fundamental methods of analysis that will assist them in understanding art and aesthetic human activities.

ART 109 - Contemporary Art in World Cultures**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Recommended Preparation:* eligibility for English 101

In this global survey of contemporary art, students study recent works by artists from different geographical and cultural regions of the world. Emphasis is placed on artworks that reflect changes to world cultures resulting from colonization, war, and globalization and that capture the interconnections among world cultures and individuals from a humanistic perspective. Using a comparative and transnational framework, students identify commonalities and differences in the way diverse cultures and individuals are affected by and respond to global change.

ART 110 - Drawing Fundamentals I**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** None

This course is an introduction to the techniques, media, and concepts of drawing. Instruction is designed to foster observational, compositional, interpretive, and expressive proficiencies. Representative topics include observation, perception, and the drawing process; contour and line; value, volume, and light theory; composition and pictorial structure; and linear perspective.

ART 129 - Fundamentals of Color

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: None

This course is an introduction to the history, theory, and application of color. Students will create various designs, diagrams, and art works. Creative problem-solving in art and design is also emphasized.

ART 130 - Two-Dimensional Design I

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: None

This course introduces the elements and principles of two-dimensional design and provides instruction in the fundamentals of graphic communication including visual perception, color structure, composition, and expression.

ART 141 – Digital Art Fundamentals

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: *Recommended Preparation:* Art 110 or Art 130 with a minimum grade of C

This course provides students with a foundation in the two basic types of graphics software, vector (drawing) and raster (painting/photography). Topics include integration of traditional design, color, and compositional principles with contemporary digital tools. Students will work on a variety of digital projects involving drawing, design, typography, photographic manipulation, and animation.

ART 160 - Three-Dimensional Design

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: None

This course is an introduction to the concepts and processes of three-dimensional design. Students design and construct projects involving linear and architectural models as well as relief and solid forms. Emphasis is placed on creative solutions to design problems using various construction techniques and materials.

ART 207 - Art History of Mexico and Central and South America

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: *Recommended Preparation:* eligibility for English 101

This course surveys the art of Mexico, Central America and South America, from Pre-Columbian civilizations through contemporary times. Key artworks are studied in relation to historical and cultural contexts that consider the effects of shifting social, political, philosophical, and spiritual paradigms on the production of art.

ART 209 - History of African Art**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Recommended Preparation:* eligibility for English 101

This course is an introductory survey of African art in relation to its historical and cultural contexts. It focuses on specific groups and regions with an emphasis on sub-Sahara West and Central Africa, stressing the different roles of the visual arts within each culture.

ART 210 - Drawing Fundamentals II**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* Art110 with a minimum grade of C

This course provides intermediate instruction in drawing with emphasis on media development, pictorial space, composition, interpretation, and improvisation.

ART 219 - Watercolor Painting I**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* Art110 with a minimum grade of C

This course introduces the student to the concepts and techniques of watercolor painting with emphasis placed on basic washes, media manipulation, color theory, composition, and interpretation.

ART 220 - Watercolor Painting II**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* Art 219 with a minimum grade of C

This course is a continuation of the concepts and techniques of watercolor painting. Progressively more challenging problems of technique, color, composition, expression, and improvisation will be presented.

ART 222 - Fundamentals of Painting I**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* Art 110 with a minimum grade of C

This course introduces students to the materials, methods and techniques of painting. Emphasis is placed on paint manipulation, color mixing, compositional structure, and form translation.

ART 223 - Fundamentals of Painting II

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Art 222 with a minimum grade of C

This course provides intermediate instruction in the materials, methods, and techniques of painting with an emphasis on developing proficiency in the use of pictorial space, color, composition and interpretation.

ART 224 - Fundamentals of Painting III

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Art 223 with a minimum grade of C

This course provides directed research and critical analysis of painting while emphasizing increasingly more complex concepts, themes, and subject matter. Students are encouraged to pursue individual approaches through a combination of historical and contemporary styles. Also covered are techniques and processes necessary to complete a cohesive body of artwork that integrates research, methodology, and invention, and reflects a unified, self-directed visual theme.

ART 230 - Two-Dimensional Design II

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Art 130 with a minimum grade of C

This course is an expanded study of the elements and principles of two-dimensional design. Special emphasis is placed on pictorial interpretation, conceptual synthesis, and graphic purpose. Experimental design strategies will be introduced including variation studies, research and production methods, and electronic media applications.

ASTRONOMY

ASTR 120 - The Solar System

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* English 84

This course is an introduction to the major planets and the smaller members of the solar system such as moons, asteroids, Kuiper Belt Objects, and comets. Theories of the origin and histories of the planets are presented. The early history of astronomy and the Copernican Revolution are discussed. Sky phenomena such as constellations, the seasons, eclipses, and planetary motions are demonstrated in the planetarium. The possibility of life elsewhere in the solar system is examined.

ASTR 120H - Honors The Solar System

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: eligibility for English 101 or English 101H

This honors course, intended for students in the Honors Transfer Program, is an introduction to the major planets and the smaller members of the solar system such as moons, asteroids, Kuiper Belt Objects, and comets. Theories of the origin and histories of the planets are presented. The early history of astronomy and the Copernican Revolution are discussed. Sky phenomena such as constellations, the seasons, eclipses, and planetary motions are demonstrated in the planetarium. The possibility of life elsewhere in the solar system is examined. Students in the honors sections are required to research and write comprehensively about the origin of the solar system.

Note: Students may take either Astronomy 120 or Astronomy 120H. Duplicate credit will not be awarded for Astronomy 120 and Astronomy 120H.

ASTR 125 - Stars and Galaxies

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Recommended Preparation: English 84

This course is an introduction to the universe and its history. The main focus is on our view of the heavens and how astronomers learn about stars and galaxies. The formation, life histories, and fates of different kinds of stars, including the sun, are examined. Exotic stars as well as black holes are explored. The structure and distribution of galaxies are discussed, with a focus on our own Milky Way Galaxy. The possibility of simple and intelligent life in the Milky Way Galaxy will be examined. The history of the universe, starting with the Big Bang is also investigated.

ASTR 125H - Honors Stars and Galaxies

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: English 101 or English 101H

This honors course, intended for students in the Honors Transfer Program, is an introduction to the universe and its history. The main focus is on our view of the heavens and how astronomers learn about stars and galaxies. The formation, life histories, and fates of different kinds of stars, including the sun, are examined. Exotic stars as well as black holes are explored. The structure and distribution of galaxies are discussed, with a focus on our own Milky Way Galaxy. The possibility of simple and intelligent life in the Milky Way Galaxy will be examined. The history of the universe, starting with the Big Bang is also investigated. This course is enriched through extensive rigorous reading, writing, and research assignments.

Note: Students may take either Astronomy 125 or Astronomy 125H. Duplicate credit will not be awarded for Astronomy 125 and Astronomy 125H.

ASTR 128 - Astronomy Laboratory**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* Astronomy 120 or Astronomy 120H or Astronomy 125 or Astronomy 125H with a minimum grade of C in prerequisite or concurrent enrollment

The astronomy laboratory provides students with an introduction to the observation of the sky with telescopes, binoculars, and the unaided eye. The student will become familiar with the principles of set up and operation of telescopes and use them to view the Moon, the Sun, planets, stars, star clusters, and nebulae. The student will use the principles of astronomy to interpret their observations. Students will also learn to identify the bright stars and major constellations visible in California.

Note: This course is offered only at night.

AUTOMOTIVE COLLISION REPAIR/PAINTING**ACRP 101 - Introduction to Automotive Collision Repair****Units:** 8 **Lecture Hours:** 54 **Lab Hours:** 270 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

Enrollment Limitation: Employment or volunteer work in a position related to the student's major or career goal by the second week of the semester. Completion of or current enrollment in one course from the major. This course is designed to introduce students to automotive collision repair and provide an overview of the skills needed for employment in industry. Topics covered include safety practices, industry repair standards, repair theory, tool identification and use, vehicle construction, gas and electric welding, metal finishing, grinding, applying and shaping plastic filler and spraying primer.

Note: Automotive Collision Repair/Painting 101 is equivalent to Automotive Collision Repair/Painting 140 and 150. Students who have completed Automotive Collision Repair/Painting 140 and 150 have met the 101 prerequisite requirement for 102, 103, 104, 130, 132, and 134.

ACRP 102 - Collision Repair Equipment and Welding Techniques**Units:** 8 **Lecture Hours:** 54 **Lab Hours:** 270 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Prerequisite:* ACRP 101 - Introduction to Automotive Collision Repair with a minimum grade of C

This course provides instruction on collision repair equipment and welding techniques involving safety practices, vehicle collision analysis and theory, vehicle disassembly procedures and body component fit-up and alignment principles. The topics of replacing door skins, panel bonding, steel patch panel fabrication, weld-in panel replacement and aluminum panel repair are also covered. Equipment used includes Metal Inert Gas (MIG) and Squeeze-Type Resistance Spot Welders (STRSW), hydraulic jacks, pneumatic and other specialty tools.

ACRP 103 - Major Collision Analysis and Repair**Units:** 8 **Lecture Hours:** 54 **Lab Hours:** 270 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Prerequisite:* ACRP 101 - Introduction to Automotive Collision Repair with a minimum grade of C

This course provides instruction in full frame and unibody vehicle construction and damage types, locating and analyzing direct and indirect damage, planning a pull, setting up and using a frame rack with and without computerized measuring systems, and replacing structural parts and panels with Metal Inert Gas (MIG) and Squeeze-Type Resistance Spot Welders (STRSW). The topics of vehicle sectioning, structural glass, suspension components, front-end alignment, and damage estimating are also covered.

ACRP 104 - Mechanical and Electrical Systems for Collision Repair Technicians**Units:** 8 **Lecture Hours:** 54 **Lab Hours:** 270 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Prerequisite:* ACRP 101 - Introduction to Automotive Collision Repair with a minimum grade of C

This course includes instruction in steering and suspension system parts and damage identification, wheel alignment, airbag deactivation and reactivation, hybrid/electric vehicle safety and interior upholstery and reconditioning. This course also provides instruction in correcting structural damage and replacing structural parts such as core supports, center pillars, front side members, structural glass, aluminum and composite structural components and restoring corrosion protection.

ACRP 106 - Automotive Collision Repair for Non-Majors**Units:** 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course is designed to provide students with a brief, hands-on introduction to all facets of automotive collision repair. Topics include safety practices, customer rights and the collision repair process, auto parts nomenclature, dent removal, plastic repair, filler application and shaping, priming, painting and detailing.

ACRP 120 - Automotive Collision Investigation**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This is an introductory course in automotive collision investigation designed for students preparing for employment in the fields of automotive collision repair, automotive insurance investigation, and accident reconstruction. Emphasis is placed upon vehicle identification, vehicle design and construction, occupant restraint systems, tire identification and construction, identification of tire marks, the coefficient of friction, and speed from skid formulas.

ACRP 122 - Automotive Repair Fraud**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Recommended Preparation:* ACRP120 - Automotive Collision Investigation

This course covers the elements of fraud encountered in the automotive repair industry and is designed to prepare students for employment in the fields of automotive collision repair, automotive insurance investigation, and accident reconstruction. Topics include fraud detection, investigation procedures and collection of evidence related to staged traffic accidents, Vehicle Identification Number (VIN) fraud, and auto insurance fraud.

ACRP 124 - Automotive Collision Analysis**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course covers the elements of automotive collision analysis and is designed to prepare students for employment in the fields of automotive collision repair, automotive insurance investigation, and accident reconstruction. Emphasis is placed on accident causation factors, collision deformation, low speed impacts, calculation of drag factors, speed determination from crush analysis, Event Data Recorder (EDR), fault analysis, roadway debris, and human factors.

ACRP 126 - Automotive Accident Reconstruction**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Recommended Preparation:* ACRP124 - Automotive Collision Analysis

This course covers the elements of automotive collision reconstruction and is designed to prepare students for employment in the fields of automotive collision repair, automotive insurance investigation, and accident reconstruction. Emphasis is placed on photography of vehicle damage and computer modeling, measuring and documenting, skidmarks, calculation of drag factors, speed from skidmarks considering radius and critical speed scuff, determination of combined velocities, occupant dynamics, time and position analysis, force line determination and Principle Direction of Force (PDOF), conservation of momentum analysis, and Delta-V determination.

ACRP 130 - Basic Automotive Painting - Refinishing**Units:** 8 **Lecture Hours:** 54 **Lab Hours:** 270 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

In this course, students are introduced to automotive painting and refinishing and the skills needed for employment in industry. Topics covered include safety practices, industry repair standards, Volatile Organic Compound (VOC) recording, surface identification, surface preparation, abrasives, metal conditioning, vehicle masking, primers, and spray equipment.

ACRP 32 - Automotive Refinishing Materials and Equipment

Units: 8 **Lecture Hours:** 54 **Lab Hours:** 270 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Automotive Collision Repair/Painting 101 or 130 or 150 or 152 with a minimum grade of C or the equivalent

This course provides instruction on the principles of automotive refinishing involving safety practices and equipment, air supply equipment, refinishing spray booth, spray equipment, undercoat materials, solvents, topcoat color systems, and paint application procedures.

ACRP 134 - Automotive Refinishing Applications

Units: 8 **Lecture Hours:** 54 **Lab Hours:** 270 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Automotive Collision Repair/Painting 101 or 130 or 140 and 142 or 150 and 152 with a minimum grade of C in each prerequisite course or the equivalent

This course provides instruction on the principles of automotive refinishing involving safety practices, estimating, paint additives, paint removal, plastic component refinishing, spot repair, color sanding and buffing, multi-stage finishes and paint accessories.

ACRP 136 - Introduction to Automotive Collision Estimating

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

This course provides instruction on the theory and application of developing a written damage estimate using forms, books, guides and charts. Students will learn vehicle construction types and parts nomenclature, industry standard repair and replacement procedures, state and federal laws regarding collision repair, and how estimating fits into both the technical and business sides of operating a successful collision repair shop.

ACRP 138 - Computerized Collision Damage Estimating

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Automotive Collision Repair/Painting 136 with a minimum grade of C or equivalent

This course provides instruction on the development of computer-generated damage estimate using both Certified Collateral Corporation's One software (CCC One) and Mitchell estimating software. Students expand their knowledge of non-structural, manual estimate writing by: examining and estimating structurally damaged vehicles that require frame straightening, structural panel replacement, vehicle sectioning, electrical and mechanical repairs, suspension alignment and wheel alignment. Students also learn how to make use of the digital documentation, work flow and business management features of the software to run an efficient and profitable repair shop.

ACRP 140 - Beginning Automotive Collision Repair I**Units:** 4 **Lecture Hours:** 36 **Lab Hours:** 126 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course provides instruction in basic safety, tool identification and use, vehicle construction and parts nomenclature, basic estimating, small dent repair, plastics scratch and dent repair and the mixing and application of primer.

ACRP 142 - Beginning Automotive Collision Repair II**Units:** 4 **Lecture Hours:** 36 **Lab Hours:** 126 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course provides instruction in automotive Metal Inert Gas (MIG) and Squeeze-Type Resistance Spot Welding (STRSW) and safety, automotive metals, metal finishing, large dent repair, corrosion protection, and vehicle disassembly and reassembly.

ACRP 144 - Intermediate Automotive Collision Repair I**Units:** 4 **Lecture Hours:** 36 **Lab Hours:** 126 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course provides instruction in structural plastic repair, surface and structural repair of fiberglass and composites, aluminum repair and surface treatment for refinishing, vehicle frame and structural parts nomenclature, frame and unibody damage identification and measurement, structural damage estimating, and replacement panel fitment and alignment.

ACRP 146 - Intermediate Automotive Collision Repair II**Units:** 4 **Lecture Hours:** 36 **Lab Hours:** 126 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course introduces students to frame straightening and severe collision damage using the frame rack, power post, damage dozer, hydraulic jacks and Porto-Power hydraulic ram. Topics covered include how to section a vehicle, replace damaged unibody structural panels and prepare replaced panels for rustproofing/refinishing.

ACRP 150 - Beginning Automotive Painting I**Units:** 4 **Lecture Hours:** 36 **Lab Hours:** 126 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course provides instruction in personal safety, environmental laws, introduction to surface preparation, mixing ratios, spray booth use, spray gun adjustment, use and cleaning, priming and painting vehicle parts and panels, and color sanding and buffing.

ACRP 152 - Beginning Automotive Painting II**Units:** 4 **Lecture Hours:** 36 **Lab Hours:** 126 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course provides instruction in vehicle disassembly for refinishing, surface preparation of unpainted surfaces, specialty undercoats and corrosion protection, plastics refinishing, and painting parts and complete cars.

ACRP 154 - Intermediate Automotive Refinishing I**Units:** 4 **Lecture Hours:** 36 **Lab Hours:** 126 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

In this course, students will learn refinishing repair standards and how to write an estimate for refinishing. Students will learn how to identify and correct paint flaws, choose color variants, retrieve and mix paint formulas, adjust paint for color match, and perform panel blends and spot repairs. Students will also learn how to mask panels for blending and how to refinish composite materials such as fiberglass and carbon fiber.

ACRP 156 - Intermediate Automotive Refinishing II**Units:** 4 **Lecture Hours:** 36 **Lab Hours:** 126 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course provides instruction on production painting skills and maximizing shop throughput by controlling the painting environment through spray booth controls, temperature and humidity control, paint additives and gun adjustment. Additional topics covered include spot blending and applying tri-coat paints, flat paints, truck bedliner, single stage paints and interior paints.

ACRP 95 - Cooperative Work Experience Education**Units:** 2-4 **Lecture Hours:** 0 **Lab Hours:** hours to be arranged**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

Enrollment Limitation: Employment or volunteer work in a position related to the student's major or career goal by the second week of the semester. Completion of or current enrollment in one course from the major.

Through a set of learning objectives established by the student, supervisor, and instructor, each student will work with and learn from experts in the Automotive Collision Repair/Painting field. These experiences will enable students to improve job skills, analyze career opportunities and requirements, and compare them to personal abilities and career expectations.

Note: Transfer limitations apply.

Note: The total units earned for Cooperative Work Experience Education may not exceed 16 units.

AUTOMOTIVE TECHNOLOGY

ATEC 101 - Introduction to Automotive Service

Units: 2 **Lecture Hours:** 36 **Lab Hours:** 36 **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

This course is an introduction to the study of automotive servicing including engine, ignition, fuel, cooling, charging, cranking, drive line, brakes and suspension systems construction and operational theories. Laboratory activities include maintenance procedures and proper use of tools utilized in the field.

ATEC 111 - Brakes, Suspension and Four Wheel Alignment

Units: 8 **Lecture Hours:** 90 **Lab Hours:** 180 **Outside Hours:** 180

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Automotive Technology 101, 125, 127 or 128 and English A

This course covers the theory and operation, diagnosis, service, and repair of automotive braking, suspension, and steering systems.

Note: This course is the same as the two-course sequence Automotive Technology 114 and 116. Students who have completed Automotive Technology 114 and 116 will not receive credit for Automotive Technology 111.

ATEC 114 - Brakes

Units: 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Automotive Technology 101, 125, 127 or 128 and English A

This course covers the theory and operation, diagnosis, service, and repair of automotive braking systems.

Note: The two-course sequence Automotive Technology 114 and 116 is the same as Automotive Technology 111.

ATEC 116 - Suspension and Four Wheel Alignment

Units: 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Automotive Technology 101, 125, 127 or 128 and English A

This course covers the theory and operation, diagnosis, service, and repair of automotive suspension and steering systems.

Note: The two-course sequence Automotive Technology 114 and 116 is the same as Automotive Technology 111.

ATEC 121 - Introduction to Engine Performance

Units: 2 **Lecture Hours:** 36 **Lab Hours:** 36 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Automotive Technology 101 or equivalent

This course covers the study, theory and application of computer controlled engine management systems, minor engine performance, electrical and fuel systems. Laboratory activities stress the proper use of test equipment utilized in the automotive field.

ATEC 122 - Introduction to Engine Performance, Electrical and Fuel Systems**Units:** 8 **Lecture Hours:** 90 **Lab Hours:** 180 **Outside Hours:** 180**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Automotive Technology 101 or equivalent

This is an introductory engine performance course, which covers construction and operation of the following systems: computer controlled engine management, electrical charging, cooling, emission controls, fuel, and ignition. Laboratory activities stress the proper use of modern test equipment and repair procedures used in the automotive field.

Note: This course is equivalent to the two-course sequence Automotive Technology 123 and 124. Students who have completed Automotive Technology 123 and 124 will not receive credit for Automotive Technology 122.

ATEC 123 - Engine Performance, Electrical and Fuel Systems**Units:** 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Automotive Technology 101 or equivalent

This course covers the study of major engine tune-up, service and testing of emission control systems. Laboratory activities stress the proper use of test equipment utilized in the automotive field.

NOTE: The two-course sequence Automotive Technology 123 and 124 is equivalent to Automotive Technology 122.

ATEC 124 - Computer Controlled Engine Management, Fuel Systems and Emissions**Units:** 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Automotive Technology 121 or 123 or equivalent

This course covers the study of computer controlled engine management systems with an emphasis on onboard diagnosis second generation (OBD II) protocols, fuel system and fuel injection system testing, diagnosis and service and vehicle emissions. Laboratory activities stress the proper use of modern test equipment utilized in the automotive field.

NOTE: The two-course sequence Automotive Technology 123 and 124 is equivalent to Automotive Technology 122.

ATEC 125 - Automotive Electrical Systems**Units:** 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Automotive Technology 121 or 123 or equivalent

This course covers the theory and operation of automotive electricity, electronic components, and systems. Laboratory activities stress the proper use of test equipment utilized in the automotive field.

Note: The two-course sequence Automotive Technology 125 and 128 is the same as Automotive Technology 127.

ATEC 127 - Electrical, Electronics and Computer Controlled systems**Units:** 8 **Lecture Hours:** 90 **Lab Hours:** 180 **Outside Hours:** 180**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Automotive Technology 122 or Automotive Technology 123 and 124 with a minimum grade of C

This course covers the study of Automotive On-Board Diagnostics II computer controlled engine management systems, body electrical and electronic systems, onboard computer networking and computer controlled ignition testing, including diagnosis and repair procedures. Laboratory activities stress the proper use of test equipment utilized in industry.

Note: Automotive Technology 127 is the same as two-course sequence Automotive Technology 125 and 128. Students who have completed Automotive Technology 125 and 126 will not receive credit for Automotive Technology 127.

ATEC 128 - Automotive Testing and Diagnosis**Units:** 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Pre-requisite: A total of 8 units from the following courses:** Automotive Technology 122, 123, 124 or 125 with a minimum grade of C or equivalent

This course covers the study of advanced automotive testing and diagnostic procedures of modern computer controlled engine management systems including ignition, fuel trim, electrical and electronic systems, On Board Diagnostics generation 2 (OBD 2) computer control systems and related network multiplexing and communications. Electronic body control operations, networking and diagnostics are also explored. Laboratory activities stress the proper use of modern diagnostic equipment utilized in the automotive field.

Note: The two course sequence Automotive Technology 125 and 128 is the same as Automotive Technology 127.

ATEC 133 - Transmissions, Drive Train and Drive Axles**Units:** 8 **Lecture Hours:** 90 **Lab Hours:** 180 **Outside Hours:** 180**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Automotive Technology 101 or 121 and English A

This course covers the theory and operation, diagnosis, service, and repair of automotive automatic and manual transmissions, transaxles, and drive trains.

Note: This course is the same as the two-course sequence Automotive Technology 134 and 135. Students who have completed Automotive Technology 134 and 135 will not receive credit for Automotive Technology 133.

ATEC 134 - Automatic Transmissions**Units:** 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Automotive Technology 101, 122, 123, 124, 125, 127 or 128 and English A

This course covers the theory and operation, diagnosis, service, and repair of automotive automatic transmissions and transaxles.

Note: The two-course sequence Automotive Technology 134 and 135 is the same as Automotive Technology 133. Students who have completed Automotive Technology 134 and 135 will not receive credit for Automotive Technology 133.

ATEC 135 - Manual Transmission, Drive Train and Drive Axles

Units: 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Automotive Technology 101, 122, 125 or 128 and English A

This course covers the theory and operation, diagnosis, service, and repair of automotive manual transmissions, drive axles, and drive trains.

Note: The two-course sequence Automotive Technology 134 and 135 is the same as Automotive Technology 133. Students who have completed Automotive Technology 134 and 135 will not receive credit for Automotive Technology 133.

ATEC 141 - Engine Rebuilding

Units: 8 **Lecture Hours:** 90 **Lab Hours:** 180 **Outside Hours:** 180

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Automotive Technology 101 or equivalent

This course covers engine construction, operation, diagnosis and proper rebuilding procedures. Laboratory activities emphasize the proper use of tools and equipment utilized in the field of engine diagnosis and engine rebuilding. Also covered are machining processes such as drilling and tapping, milling, surfacing, boring and honing, pin fitting, press work, resurfacing, reaming, knurling, repairing of damaged threads, measuring, grinding valves and valve seats, and crack detection methods and repairing.

ATEC 142 - Engine Repair

Units: 8 **Lecture Hours:** 90 **Lab Hours:** 180 **Outside Hours:** 180

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Automotive Technology 101 or equivalent

This course covers the study of automotive engine construction and operation, diagnosis, and repair procedures of the following: cylinder head removal and valve grinding, camshaft and timing gear replacement, water pump replacement, oil, coolant and manifold (intake and exhaust) leaks, engine maintenance and the installation of long or short blocks. Replace pistons and/or connecting rods, piston rings, engine bearings, crankshaft seals, camshaft seals, oil pan gasket, valve/camshaft cover gaskets, flywheel, pulleys, crankshaft balancer and other engine repair items that would need to be replaced or repaired. Laboratory activities stress the proper use of equipment utilized in the field.

ATEC 143 - Introduction to Engine Repair

Units: 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Automotive Technology 101 or equivalent and English A

This course covers the study of automotive engine construction and operation. The diagnosis and repair procedures will include the following: cylinder head, valve grinding, camshaft and timing gear, water pump, diagnosing fluid leaks, and manifold (intake and exhaust) leaks and engine maintenance. Laboratory activities stress the proper use of equipment utilized in the automotive field.

ATEC 145 - Automotive Machining**Units:** 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Automotive Technology 101 or equivalent

This course covers the study of machining processes used in the automotive trade. Topics include drilling and tapping, milling, surfacing, boring and honing, pin fitting, press work, resurfacing, reaming, knurling, repairing of damaged threads, measuring, grinding valves and valve seats, and crack detection methods and repairing. Laboratory activities stress proper use of equipment utilized in the automotive engine rebuilding field.

ATEC 181 - Automotive Air Conditioning**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course covers the theory and operation, diagnosis, service, and repair of automotive heating, ventilation, and air conditioning systems.

ATEC 95 - Cooperative Work Experience Education**Units:** 2-4 **Lecture Hours:** 0 **Lab Hours:** hours to be arranged**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

Enrollment Limitation: Employment or volunteer work in a position related to the student's major or career goal by the second week of the semester. Completion of or current enrollment in one course from the major. Through a set of learning objectives established by the student, supervisor, and instructor, each student will work with and learn from experts in the Automotive Technology field. These experiences will enable students to improve job skills, analyze career opportunities and requirements, and compare them to personal abilities and career expectations.

Note: Transfer limitations apply.

Note: The total units earned for Cooperative Work Experience Education may not exceed 16 units.

ATEC 99 - Independent Study**Units:** 1-3 **min Lecture Hours:** 54 **max Lecture Hours:** 162**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

Enrollment Limitation: Two courses in Automotive Technology with a minimum grade of B in each and acknowledgment by the instructor with whom the student will work

This course provides special advanced studies in a subject field of Automotive Technology not covered in the regular departmental offerings. Regular conferences with the instructor are coordinated with assigned Automotive Technology projects (54 hours per unit).

Note: Transfer limitations apply.

BIOLOGY

BIOL 100 - Fundamentals of Biology

Units: 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* English 84

This course is a survey of all living things: prokaryotes, protists, fungi, plants, and animals. Basic principles of structure, function, and relationships of living organisms are discussed with special reference to humans.

Note: Students will not receive UC credit for Biology100 if taken after Biology101.

BIOL 100H - Honors Fundamentals of Biology

Units: 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Recommended Preparation:* eligibility for English 101

This honors course is designed for students in the Honors Transfer Program. This course is a survey of all living things: prokaryotes, protists, fungi, plants, and animals. Basic principles of structure, function, and relationships of living organisms are discussed with special reference to humans. This course is enriched through writing assignments that involve research and analysis.

Note: Students may take either Biology100 or Biology100H. Duplicate credit will not be awarded for Biology100 and Biology100H.

BIOL 101 - Principles of Biology I

Units: 5 **Lecture Hours:** 54 **Lab Hours:** 108 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Chemistry 104 or Chemistry 104H with a minimum grade of C in prerequisite

Recommended Preparation: eligibility for English 101

This course is a survey of eukaryotic organisms, their evolution and ecology. The student will have a thorough exposure to plant and animal anatomy and physiology, and will utilize animal dissection in the lab. Students will be expected to complete a project that includes hypothesis, prediction, experimentation, and presentation of results. This course is one of three courses in the biology series designed for biology majors, including those students planning to pursue a career in medicine, dentistry, or other life sciences.

Note: It is recommended that Chemistry 150 be taken concurrently in preparation for Biology 102.

BIOL 101H - Honors Principles of Biology I**Units:** 5 **Lecture Hours:** 54 **Lab Hours:** 108 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Chemistry 104 or Chemistry 104H with a minimum grade of C in prerequisite**Recommended Preparation:** eligibility for English 101 or English 101H

This honors course, intended for students in the Honors Transfer Program, is a survey of eukaryotic organisms, their evolution and ecology. The student will have a thorough exposure to plant and animal anatomy and physiology, and will utilize animal dissection in the lab. Students will be expected to complete a project that includes hypothesis, prediction, experimentation, and presentation of results. This course is one of three courses in the biology series designed for biology majors, including those students planning to pursue a career in medicine, dentistry, or other life sciences. This course is enriched through extensive rigorous reading, writing, and research assignments.

Note: Students may take either Biology 101 or Biology 101H. Duplicate credit will not be awarded for Biology 101 and Biology 101H.

BIOL 102 - Principles of Biology II**Units:** 5 **Lecture Hours:** 54 **Lab Hours:** 108 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Chemistry 150 with a minimum grade of C in prerequisite or equivalent**Recommended Preparation:** eligibility for English 101

This course offers a detailed study of eukaryotic cell anatomy, metabolism, and division, including the study of Mendelian genetics and the molecular genetics of eukaryotes. Prokaryotic cellular structure (eubacteria and archaea), microbial genetics, and viruses are also studied. The scientific method is discussed in the lecture component and students implement elements of the process in various laboratory exercises. This course is one of three courses in the biology series designed for biology majors, including those students planning to pursue a career in medicine, dentistry, or other life sciences.

BIOL 102H - Honors Principles of Biology II**Units:** 5 **Lecture Hours:** 54 **Lab Hours:** 108 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Chemistry 150 with a minimum grade of C in prerequisite or equivalent**Recommended Preparation:** eligibility for English 101 or English 101H

This honors course, intended for students in the Honors Transfer Program, offers a detailed study of eukaryotic cell anatomy, metabolism, and division, including the study of Mendelian genetics and the molecular genetics of eukaryotes. Prokaryotic cellular structure (eubacteria and archaea), microbial genetics, and viruses are also studied. The scientific method is discussed in the lecture component and students implement elements of the process in various laboratory exercises. This course is one of three courses in the biology series designed for biology majors, including those students planning to pursue a career in medicine, dentistry, or other life sciences. This course is enriched through extensive rigorous reading, writing, and research assignments.

Note: Students may take either Biology 102 or Biology 102H. Duplicate credit will not be awarded for Biology 102 and Biology 102H.

BIOL 103 - Fundamentals of Molecular Biology**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Biology 101 or Biology 101H and Biology 102 or Biology 102H with a minimum grade of C in prerequisite and Chemistry 210 with a minimum grade of C in prerequisite or concurrent enrollment

This course is an introduction to molecular biology. The student will study DNA, RNA and protein structure; protein biochemistry; protein purification and analysis; genome organization of viruses, prokaryotes and eukaryotes, DNA replication; transcription and splicing; regulation of transcription; translation; and recombinant DNA technology. The student will also explore the uses of DNA technology, such as forensics and agriculture, as well as the ethical considerations of these uses.

BIOL 115 - Environmental Aspects of Biology**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** English 82

Basic ecological and biological principles and concepts are emphasized in the study of the structure and function of ecosystems. Major ecological problems such as over-population, resource depletion and food production are related to endangered species and habitat degradation. Environmental pollution of air and water resources are considered in local areas as well as national and international situations. Air quality and global warming issues are considered. Students are encouraged to participate in local activities addressing environmental problems and restoring and improving local habitats.

BIOL 117 - Marine Biology**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This is an introductory marine biology lecture course exploring biological principles and structure, function and adaptation for marine life. It includes a review of the history of marine biology and a discussion of local species of marine plants and animals and major marine communities. Human interaction and impact on the ocean is also discussed.

BIOL 118 - Marine Biology Laboratory**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Biology 117 with a minimum grade of C in prerequisite or concurrent enrollment

This is an introductory marine biology laboratory course designed to complement the marine biology lecture course. The laboratory course will explore the animals and plants living in the ocean and their structure and adaptations for a marine environment. Local species will be identified and classified and local aquariums will be visited.

BUSINESS

BUS 101 - Financial Accounting

Units: 4 **Lecture Hours:** 72 **Lab Hours:** 18 **Outside Hours:** 144

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommendation Preparation: eligibility for English 101*

This is an introductory course covering the fundamental theory, principles, and procedures of financial accounting with an emphasis on the corporate entity. Topics include ethics and the analysis, recording, and summarizing of accounting transactions on the accrual basis. Financial statements are prepared and analyzed. An emphasis will be on accounting as an information system to meet the demands of users for decision-making. Computer applications are integrated into the homework.

BUS 102 - Managerial Accounting

Units: 4 **Lecture Hours:** 72 **Lab Hours:** 18 **Outside Hours:** 144

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Business 101 with a minimum grade of C

This course emphasizes advanced accounting theory, principles, and practices for the corporation form of ownership. A major focus of the course is on managerial, cost, and manufacturing accounting and related issues in the corporate environment.

BUS 103 - Intermediate Accounting

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Business 102 with a minimum grade of C

This course emphasizes advanced financial accounting theory and practice for the corporate form of ownership. A major focus of the course is on the preparation and analysis of complex financial statements, notes, and special reporting issues.

BUS 104 - Intermediate Accounting

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Business 103 with a minimum grade of C

This course is a continuation of the study of advanced financial and managerial accounting theory and practice for the corporate form of ownership. The emphasis of the course is on the analysis, evaluation, and preparation of complex corporate financial statements including notes, special topics, and extenuating circumstances and the resulting reporting issues.

BUS 109 - QuickBooks**Units:** 2 **Lecture Hours:** 27 **Lab Hours:** 27 **Outside Hours:** 54**Grading Method:** Letter or Pass/No Pass Option**Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

In this course students will be introduced to basic financial record keeping software using the double-entry system for recording transactions. Emphasis will be placed on how to use the accounting application software in a small business environment.

Note: Letter grade or pass/no pass option.

BUS 111 - Accounting for Small Business**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** English 82 and English B

This course addresses the accounting cycle for a small business. Topics covered include the fundamental accounting equation, types of accounts, debits and credits, the trial balance, the general journal, general ledger and preparation of financial statements. Adjusting entries, closing entries, and the post-closing trial balance will be prepared. Additional topics in this course include cash, cash controls, payroll, and employer taxes. This is an accounting course for small business in service environments.

Note: This course is not open to students who have credit for or are currently enrolled in Business101. This course is not recommended for the student who has completed two years of high school bookkeeping with a grade of C or better.

BUS 112 - Advertising**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** English 82 and English B

In this course students will study how to create effective and compelling advertising campaigns through print, broadcast, and electronic media. Topics to be covered include branding, message creation, and media placement. Also emphasized are the concepts of ethics, social responsibility, and consumer benefits.

BUS 114 - Marketing**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** English 82 and English B

This course is an introduction to marketing principles and explores marketing concepts and strategies. Topics include market analysis, planning, product development, marketing mix, and media decisions. Electronic marketing and the environmental factors of marketing including social, ethical, and legal considerations are also studied.

Note: Letter grade or pass/no pass option.

BUS115 - Business Mathematics**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** Not Transferable**Conditions of Enrollment: Prerequisite:** Mathematics 40 with a minimum grade of C

This course is designed to prepare students for mathematical concepts involving quantitative reasoning and analysis in management, finance, accounting, real estate, and other areas of business. The course content involves a thorough study of all aspects of business mathematics including computational skills, percentages, bank reconciliation, use of business formulas and equations, payroll, discounts, and markup/markdowns, simple and compound interest, present values analysis, annuities and sinking funds, credit, depreciation and inventory, payroll taxes, promissory notes, insurance, financial reports, and business statistics.

BUS117 - Personal Finance**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Mathematics 40 with a minimum grade of C

In this course, students will learn how to develop personal financial goals and how to use financial planning to help achieve life goals. Students will learn budgeting, planning for the financial future, and how to incorporate investment choices such as stocks, real estate, bonds, and mutual funds. Students will examine how personal financial management impacts individuals and families and how to calculate the financial impacts of their decisions.

BUS119 - Principles of Retailing Management**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** eligibility for English A and English 84

This course examines the principles and practices used in the management of successful retail stores. Topics include site selection, layout, merchandising, staffing, positioning, customer service, promotional techniques, and all aspects of the critical buying function.

Note: Letter grade or pass/no pass option.

BUS120 - Business Management**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** English B and English 82

This course is a study of the concepts and procedures critical to managing a business successfully in a global, competitive environment. Planning, organizing, leading, controlling, and the application of managerial concepts are discussed.

Note: Letter grade or pass/no pass option.

BUS121 - Human Resources Management**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** eligibility for English A and English 84

This course is a study of effective utilization of human resources within an organization. Emphasis is placed on principles of human resources strategy and planning, recruitment, selection, training and development, employee appraisals, compensation and benefits, legal considerations, organized labor, and health and safety practices. Effective management of common issues in human resources from the perspective of the employee and employer are discussed.

BUS122 - Human Relations in Organizations**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** English B and English 82

This course covers the major themes of human relations in organizations and the workplace from a psychological, sociological, and physiological perspective. Students will develop critical thinking and ethical reasoning skills as students apply behavior science theories and principles. Topics include values, perception, motivation, conflict management, teamwork, and leadership.

BUS124 - Small Business Entrepreneurship**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** eligibility for English A and English 84

This course provides students with the ability to identify opportunities and develop them into viable small businesses or non-profit organizations. Students will focus on building the entrepreneurial skills needed to initiate and manage a small business or small organization. Areas of concentration include product development, acquiring financing, drafting a business plan, advertising, accounting, legal forms of organizations, and strategic planning.

Note: Letter grade or pass/no pass option.

BUS125 - Introduction to Business**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** eligibility for English 84

This course is a survey of organization and management factors influencing the establishment, location, and operation of businesses. This course emphasizes the functional area of accounting as well as the legal framework within which business activities are conducted. The course also emphasizes the principles of Total Quality Management (TQM) in a multicultural and globalized environment.

Note: Letter grade or pass/no pass option.

BUS 127 - Effective English for Business

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* eligibility for English 101

This course is a study of written English skills that are critical to communicate successfully in a business environment. Focus is placed on English grammar, usage, and sentence structure.

BUS 128 – Written Business Communications

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* English 101 with a minimum grade of C

In this course, students will study the theory and practice of functional writing to give them an understanding of the human relations aspects of communication, to help develop logical patterns of organizing ideas, and to aid in achieving clear, concise expression. Practice in writing various types of business letters and reports will be emphasized throughout the course.

BUS 129 - Oral Business Communications

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Recommended Preparation:* English B

In this course, students will compose and deliver original business presentations with a focus on effective speaking in business situations. The course will focus on techniques of research, preparation, presentation, and evaluation. Various business formats including interviewing, delivering formal business presentations, speaking within a small group and interpersonal conversations, impromptu speaking and briefings will be covered.

CHEMISTRY

CHEM 102 - Fundamentals of Chemistry

Units: 5 **Lecture Hours:** 72 **Lab Hours:** 54 **Outside Hours:** 144

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC*

Conditions of Enrollment: *Prerequisite:* Mathematics 40 with a minimum grade of C or assessment and placement by multiple measures.

Recommended Preparation: English 84

This course introduces fundamental theory and principles of chemistry applied to inorganic, organic, and biological chemistry. Atomic and molecular structure, chemical and physical changes, gases, solutions, nomenclature, equations, and calculations will be emphasized.

**Note: The maximum UC credit allowed for students completing Chemistry104 and Chemistry102 is one course. Students will not receive UC credit for Chemistry102 if taken after Chemistry150.*

CHEM 104 - Beginning Chemistry

Units: 5 **Lecture Hours:** 90 **Lab Hours:** 72 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC*

Conditions of Enrollment: Prerequisite: Mathematics 80 with a minimum grade of C or equivalent or assessment and placement by multiple measures.

Recommended Preparation: Eligibility for English 101

This course introduces the principles of chemistry, modern concepts of atomic structure and periodicity as a basis for understanding bonding, chemical formulas, chemical equations and chemical reactions, states of matter, important elements and their compounds, solutions, acid-base theories and reactions, net ionic equations, oxidation-reduction, kinetics and chemical equilibrium, chemical nomenclature and calculations. In the laboratory, emphasis is on observations, measurements, and elementary quantitative experiments with an introduction to qualitative analysis.

**Note: The maximum UC credit allowed for students completing Chemistry104 and Chemistry102 is one course. Students will not receive UC credit for Chemistry104 if taken after Chemistry150.*

CHEM 104H - Honors Beginning Chemistry

Units: 5 **Lecture Hours:** 90 **Lab Hours:** 72 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Prerequisite: Mathematics 80 with a minimum grade of C or equivalent or assessment and placement by multiple measures.

Recommended Preparation: eligibility for English 101 or 101H

This honors course, intended for students in the Honors Transfer Program, introduces the principles of chemistry, modern concepts of atomic structure and periodicity as a basis for understanding bonding, chemical formulas, chemical equations and chemical reactions, states of matter, important elements and their compounds, solutions, acid-base theories and reactions, net ionic equations, oxidation-reduction, kinetics, and chemical equilibrium, chemical nomenclature, and calculations. Historical and current chemical concepts will be investigated in a required research paper. In the laboratory, emphasis is on observations, measurements, and elementary quantitative experiments with an introduction to qualitative analysis. This course is enriched through extensive rigorous reading, writing, and research assignments.

Note: Students may take either Chemistry 104 or Chemistry 104H. Duplicate credit will not be awarded for Chemistry 104 and Chemistry1 04H.

CHEM 120 - Survey of General and Organic Chemistry

Units: 4 **Lecture Hours:** 72 **Lab Hours:** 36 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC*

Conditions of Enrollment: Prerequisite: eligibility for Mathematics 80 or assessment and placement by multiple measures

The general chemistry topics in the course are units of measurement, atomic structure, the periodic table, inorganic formulas and nomenclature, chemical bonding, common chemical reactions, stoichiometry, states of matter, solutions, introduction to reaction rates and equilibrium, elementary acid-base theory and pH and buffers. The organic chemistry portion of the course studies the properties, nomenclature, common reactions and some reaction mechanisms for several classes of organic compounds. These classes include alkanes, alkenes, alkynes, alcohols, phenols and ethers. There is also an introduction to resonance and stereoisomerism. The emphasis in the laboratory is on observations and measurements.

**Note: Students will not receive UC credit for Chemistry 120 if taken after Chemistry 150 or Chemistry 210.*

CHEM 122 - Survey of Organic and Biochemistry**Units:** 4 **Lecture Hours:** 72 **Lab Hours:** 36 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC***Conditions of Enrollment: Prerequisite:** Chemistry 120 with a minimum grade of C in prerequisite

The study of organic chemistry continues with the nomenclature, properties, preparation, reactions and derivatives of carboxylic acids, amines, aldehydes and ketones. Principles of biochemistry are introduced. Descriptions of the structures and biochemical reactions of carbohydrates, lipids, proteins, enzymes and nucleic acids will be analyzed. Catabolic/anabolic pathways as well as the energy consumed or produced by the metabolism of carbohydrates, fats and proteins will be examined. The chemistry of photosynthesis will be studied.

*Note: Students will not receive UC credit for Chemistry 122 if taken after Chemistry 212.

CHEM 150 - General Chemistry I**Units:** 5 **Lecture Hours:** 90 **Lab Hours:** 72 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** (1) Chemistry 104 or 104H with a minimum grade of C in prerequisite or 1 year of high school chemistry and qualification by Chemistry Placement test and assessment; (2) eligibility for Mathematics 170 or assessment and placement by multiple measures**Recommended Preparation:** eligibility of English 101

This course details fundamental theory and principles of atomic and molecular structure, physical states and chemical reactions. Included is the study of elements, compounds, periodic relationships, bonding, acids and bases, oxidation-reduction, energy, solutions, electrolytes and chemical equations. Descriptive chemistry of water and selected nonmetals including hydrogen, oxygen and carbon is presented.

CHEM 152 - General Chemistry II**Units:** 5 **Lecture Hours:** 90 **Lab Hours:** 72 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Chemistry 150 with a minimum grade of C

This course details the chemistry of elements and their compounds in periodic groupings, transition metal complexes, chemical equilibrium, chemical thermodynamics, kinetics, aqueous solutions, net ionic equations, oxidation & reduction equations, electrochemistry and nuclear processes. In the laboratory, qualitative analysis of common metallic and nonmetallic ions will be performed, as well as additional experiments on selected lecture topics.

CHEM 210 - Organic Chemistry I**Units:** 5 **Lecture Hours:** 54 **Lab Hours:** 108 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Chemistry 152 with a minimum grade of C in prerequisite

This course involves a comprehensive study of the major classes of aliphatic hydrocarbons and of organic halides, alcohols and ethers. This includes nomenclature, structure, properties, stereochemistry, reactions, synthetic methods, and spectroscopy. Emphasis is placed on a systematic approach to understanding the material through the use of bonding theories, energy concepts, kinetics, and reaction mechanisms. In the laboratory, emphasis is on techniques of separation and purification of organic compounds, common organic reactions, and spectroscopy.

CHEM 212 - Organic Chemistry II

Units: 5 **Lecture Hours:** 54 **Lab Hours:** 108 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Prerequisite: Chemistry 210 with a minimum grade of C in prerequisite

This course involves a comprehensive study of aromatic compounds and the major classes of oxygen-containing and nitrogen-containing organic compounds. This includes nomenclature, structure, properties, stereochemistry, reactions, synthetic methods and spectroscopy. Emphasis is placed on a systematic approach to understanding the material through the use of bonding theories, energy concepts, kinetics, and reaction mechanisms. A study of biochemistry focuses primarily on lipids, carbohydrates, amino acids and proteins. In the laboratory, emphasis is on qualitative organic analysis, common organic reactions and multistep synthesis.

CHILD DEVELOPMENT

CDEV 103 - Child Growth and Development

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Recommendation Preparation: eligibility for English 101

This course is an introduction to child development from conception through adolescence with an emphasis on the interaction between the maturational processes and environmental factors relating to physical, cognitive, and psychosocial growth. While studying developmental theory and investigative research methodologies, students will observe and interview children, evaluate individual differences and analyze characteristics of development at various stages. Also, the effect of cultural influences on development will be studied.

Note: This is a core course for all teachers and assistants in early childhood programs regulated by the State of California.

CDEV 104 - The Home, The School, The Community

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Recommendation Preparation: eligibility for English 101

This course examines the interconnection among the development of the child from birth to adolescence in the home, the family, the school, and the community. Emphasis is placed on the importance of respectful, reciprocal relationships that support and empower families. Influences of social agents such as family support services, educational systems, media, and peers, and on how these social agents contribute in preparing the child for living independently in a diverse society will also be explored. Additional topics include parenting styles, schooling, roles of teachers, peers, the media, children with special needs, cultural influences on behavior, child abuse, neglect, and social policy.

Note: This is a core course for all teachers and assistants in early childhood programs regulated by the State of California.

CDEV 106 - Care and Education for Infants and Toddlers

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Child Development 103 with a minimum grade of C in prerequisite or concurrent enrollment. *Recommendation Preparation:* eligibility for English 101

In this course students will study the principles of inclusive and respectful care giving for infants and toddlers in relation to curriculum development and design. Students will apply current theory and research to the care and education of infants and toddlers in group settings as they study typical and atypical development of infants/toddlers. Essential policies, principles and practices that lead to quality care and developmentally appropriate curriculum for children birth to 36 months will be examined. Topics include current brain research, issues relating to health and safety, licensing requirements, observation techniques, assessment strategies, as well as ways to communicate with parents, implement home visits, and develop early intervention plans.

CDEV 107 - Infant/Toddler Development

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Child Development 103 with a minimum grade of C in prerequisite or concurrent enrollment. *Recommendation Preparation:* eligibility for English 101

In this course students will study infants and toddlers from pre-conception to age three including physical, cognitive, language, social, and emotional growth and development. Students will apply theoretical frameworks to interpret behavior and interactions between heredity and environment. Students will focus on the role of family, the effect of the adult-child relationship on an infant's development, practical applications of developmental theories in relation to infant/toddler group care, and the importance of demonstrating respectful and sensitive practices in relation to cultural differences in child care settings. Topics include developmentally appropriate environments, curriculum, and state-mandated licensing regulations.

CDEV 108 - Principles and Practices of Teaching Young Children

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Child Development 103 with a minimum grade of C in prerequisite or concurrent enrollment. *Recommendation Preparation:* eligibility for English 101

This course examines the underlying theoretical principles of developmentally appropriate practices applied to programs and environments. The key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, emotional, creative, and cognitive development in young children will be emphasized. This course includes a review of the historical roots of early childhood programs and current philosophies and methodologies of early childhood education. Topics include observation, analysis, and assessment of young children's development, identification of effective teaching strategies, age appropriate environments, and professional ethics.

CDEV110 - Child Health, Safety, and Nutrition

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Recommendation Preparation:* eligibility for English 101

This course is an introduction to the laws, regulations, standards, policies, procedures, and curriculum related to child health, safety, and nutrition in early childhood education. The key components that ensure physical health, mental health, and safety for both children and staff will be identified along with the importance of collaboration with families and health professionals. Topics include indoor and outdoor safety, chronic and acute illnesses, accident prevention, health screening, disaster planning, nutrition, contagious diseases, and identifying and working with children with special needs. Students will focus on integrating these concepts into everyday planning and program development throughout the curriculum for infants, toddlers, and preschool children. Students will develop and present health and safety education curriculum appropriate for children, staff, and parents.

CDEV112 - Teaching Young Children in a Diverse Society

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Child Development103 with a minimum grade of C in prerequisite or concurrent enrollment. *Recommendation Preparation:* eligibility for English 101

In this course, students will examine the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching. Various classroom strategies will be explored emphasizing culturally and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society. Topics include self-examination and reflection on issues related to social identity, stereotypes and bias, social and educational access, and media and schooling.

CDEV114 - Observing and Assessing Young Children

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Child Development103 with a minimum grade of C in prerequisite or concurrent enrollment. *Recommendation Preparation:* eligibility for English 101

In this course, students will examine the appropriate use of assessment and observational strategies for young children and document development, growth, play, and learning in order to work with families and professionals in promoting children's success and maintaining quality programs. Recording strategies, rating systems, portfolios, and multiple assessment methods will be explored. Students will analyze, through observation and research, common behavioral issues and the possible underlying influences on behavior. The role of the teacher in promoting an environment which fosters appropriate behavior will be examined. Students will be required to conduct observations in local school programs.

CDEV 115 - Introduction to Curriculum

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Child Development 103 with a minimum grade of C in prerequisite or concurrent enrollment. *Recommendation Preparation:* eligibility for English 101

This course presents an overview of knowledge and skills related to providing appropriate curriculum and environments for young children from birth to age six. Students will examine the teacher's role in supporting development and fostering an enthusiasm for learning for all young children using observation and assessment strategies emphasizing the essential role of play. An overview of content areas will include language and literacy, social and emotional learning, sensory learning, art and creativity, music and movement, and math and science.

CDEV 116 - Creative Art for Young Children

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Child Development 103 with a minimum grade of C in prerequisite or concurrent enrollment *Recommendation Preparation:* eligibility for English 101

This course focuses on the principles and methods of planning, presenting and evaluating creative art experiences for young children ages two to six in diverse settings. Emphasis will be placed on facilitating creativity, self-expression, and concept and skill development through the use of art media such as paint, clay, collage, chalk and woodworking. Methods for adapting creative art experiences for children with special needs will be discussed. The course is designed for teachers in training and teachers in service needing to develop and refine skills in understanding, planning, and implementing curriculum. Students will be required to participate in one structured activity related to children and/or professional development outside of class hours.

CDEV 117 - Music and Movement for Young Children

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Child Development 103 with a minimum grade of C in prerequisite or concurrent enrollment. *Recommendation Preparation:* eligibility for English 101

This course focuses on the principles and methods of planning, presenting, and evaluating music and movement experiences for young children ages two to six. Activities, such as group singing, rhythmic experiences, perceptual motor, and creative movement, which foster the child's cognitive, psychosocial, and physical development will be presented. Methods for adapting music and movement experiences for children with special needs will be discussed. This course is designed for teachers in training and teachers in service needing to develop or refine skills in planning and implementing music and movement curriculum. Students will be required to participate in one structured activity related to children and/or professional development outside of class hours.

CDEV 118 - Science and Math for Young Children

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Child Development 103 with a minimum grade of C in prerequisite or concurrent enrollment. *Recommendation Preparation:* eligibility for English 101

This course focuses on the principles and methods of planning, presenting, and evaluating science and math experiences for young children ages two to six. Students will develop activities that foster children's natural curiosity about scientific and mathematical concepts. These activities will be designed to encourage exploration, experimentation, problem solving, and discovery. Methods for adapting science and math experiences for young children with special needs will also be discussed. This course is designed for teachers in training and teachers in service needing to develop or refine skills in understanding, planning, and implementing developmentally appropriate science and math curriculum. Students will be required to participate in one structured activity related to children and/or professional development outside of class hours.

CDEV 119 - Language Arts for Young Children

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Child Development 103 with a minimum grade of C in prerequisite or concurrent enrollment. *Recommendation Preparation:* eligibility for English 101

This course focuses on the principles and methods of planning, presenting and evaluating language arts activities for young children ages two to six. Appropriate activities for expressive and receptive language development such as storytelling, dramatic play, listening, and emergent literacy will be examined. Methods for adapting language experiences for children with special needs will be discussed. This course is designed for teachers in training and teachers in service needing to develop or refine skills in planning and implementing language arts curriculum. Students may be required to participate in one structured activity related to children and/or professional development outside of class hours.

CDEV 125 - Child Development Practicum I

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Child Development 103 and 104; one course from Child Development 115, 116, 117, 118 or 119 with a minimum grade of C in the prerequisite

This course provides a practical application of learning theories in early childhood education programs. Students will design, implement, and evaluate experiences that promote positive development and learning for all young children and will observe and interact with children and staff in supervised child care settings. The course includes methods of working effectively with children, observation and guidance techniques, the role of the preschool teacher and classroom assistant, effective communication with staff and parents, educational requirements and techniques for gaining employment in the field.

CDEV 126 - Child Development Practicum II**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU

Conditions of Enrollment: Prerequisite: Child Development 104, 108; Child Development 150 or 152; and two courses from Child Development 115, 116, 117, 118 or 119 with a minimum grade of C in the prerequisite. One of these courses may be taken concurrently with Child Development 126

In this course, students will apply and implement developmental teaching theories in an early childhood education setting under guided supervision. The course includes planning, demonstrating, and evaluating learning experiences for children. This course covers aspects of teaching such as strategies for working with children and adults, classroom management skills, program philosophies, and techniques for gaining employment.

CDEV 129 - Introduction to Program Administration**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU

Conditions of Enrollment: Prerequisite: Child Development 125 or 126 with a minimum grade of C in prerequisite or 50 days of preschool teaching experience within the past two years.

This course offers an introduction to the administration of early childhood programs and focuses on the regulations, standards and practices for licensed preschool programs. Program types, budgeting, management, regulations, laws, as well as the development and implementation of policies and procedures, are presented. Topics include the role of the program director, interpersonal relationships, public relations, staff recruitment and selection, and community resources. Students will examine administrative tools, philosophies, and techniques needed to organize, open, and operate an early care and education program.

CDEV 130 - Principles of Program Administration**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU

Conditions of Enrollment: Prerequisite: Child Development 125 or 126 with a minimum grade of C in prerequisite or concurrent enrollment or 50 days of preschool teaching experience within the past two years.

This course emphasizes the role of the director in child care programs. Topics include legislative policies, legal and ethical responsibilities, supervision techniques, fiscal management, leadership styles, professional development and reflective practices. Effective communication strategies for working with staff and parents, as well as personnel management and leadership, in diverse and inclusive early care and education programs, will also be discussed.

CDEV 131 - Supervising and Mentoring Adults**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU

Conditions of Enrollment: Prerequisite: Child Development 125 or 126 with a minimum grade of C in prerequisite or concurrent enrollment or 50 days of preschool teaching experience within the past two years.

In this course, students will study the principles and practices of supervising and evaluating student teachers, volunteers, staff, and other adults in early care and education settings. Topics will include balancing the needs of children, families and staff, ethics, advocacy, and professionalism in the field. Emphasis will be placed on the development of early childhood professionals as mentors and leaders.

Note: This course fulfills the adult supervision requirement for the Child Development Permit and the California Early Childhood Mentor Teacher Program.

CDEV 150 - Introduction to Children with Special Needs

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommendation Preparation: eligibility for English 101

This course offers an overview of the causes, characteristics, prevalence, and needs of children with mild to severe physical, cognitive, and behavioral conditions from birth to age 22 with an emphasis on children ages birth through eight. Students are introduced to the variations in development of children with special needs and the resulting impact on families. An overview of historical and societal influences, laws relating to children with special needs, and the identification and referral process is also examined. Topics include the identification of community agencies for referral and case management, inclusion of children with special needs into mainstream classrooms, and the special needs of gifted and talented children.

CDEV 152 - Curriculum and Strategies for Children with Special Needs

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommendation Preparation: eligibility for English 101

In this course, students will study curriculum and intervention strategies for working with children with special needs. Focus will be placed on the use of observation and assessment in meeting the individualized needs of children in inclusive and natural environments. The role of the teacher, the special education assistant, and the in-home respite care provider will be emphasized. Topics include working in partnership with families, designing curriculum and accommodations, collaborating with interdisciplinary teams, and developing cultural competence and responsiveness.

CDEV 154 - Role and Responsibilities of the Special Education Assistant

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommendation Preparation: eligibility for English 101

This course introduces students to the role and responsibilities of the special education assistant. Students will examine effective communication and problem solving techniques, the disabilities that qualify a child for special education consideration, legal and ethical issues, and methods of adapting the environment to meet the needs of the children. Students will also examine the role of specialists who work with children with disabilities and observe in classrooms that serve children with special needs.

CDEV 165 - Autism, ADHD, Physical and Health Impairments

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommendation Preparation: eligibility for English 101

This course is designed for students interested in working as a paraprofessional with children who have been diagnosed with autism, Attention Deficit Disorder (ADD) or Attention Deficit Hyperactivity Disorder (ADHD), children with physical disabilities, and health impairments. Students will be introduced to the social, emotional, cognitive, and academic needs of these children. The causes, signs, symptoms, treatments, and implications of these disorders will be presented. The characteristics of effective teaching methods and the implementation of accommodation strategies in the home and school setting will be explored. The laws governing the rights of children with special needs and their families will be discussed. Students may be required to observe local programs that serve children with special needs.

CDEV 169 - Special Education Practicum**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Child Development 150 or 152; Child Development 104, 107, 108 and Child Development 115 or 116 or 117 or 118 or 119 with a minimum grade of C in prerequisite

This practicum provides students with supervised experience working with infants, toddlers and young children with special needs in a variety of early intervention and educational settings, such as self-contained or fully-included day care programs, regional centers or early childhood classrooms. Students will assist in the planning and implementation of intervention strategies and will work collaboratively with families as well as early intervention and special education professionals. Students will develop communication skills that are culturally sensitive towards the unique needs of children and families of children with special needs.

COMMUNICATION STUDIES**COMS 100 - Public Speaking****Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

In this course, students will compose, present, and evaluate original speeches. Emphasis is placed on audience analysis, topic selection, research, evidence, organization, delivery, and critical analysis of persuasive communication. Students are required to attend out-of-class speaking events.

COMS 120 - Argumentation and Debate**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** eligibility for English 101

This course introduces students to the construction of arguments for debates and other speech presentations. Emphasis is placed on analyzing claims, developing arguments that support and refute propositions, and effective delivery. Identification of types of argument and fallacies of reasoning are explored. Controversial issues are discussed, researched, and debated.

COMS 130 - Interpersonal Communication**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

In this course, students study and apply methods and theories of interpersonal communication such as self-concept, perception, emotions, language and gender differences, nonverbal communication, listening, intimacy, defensiveness, and conflict resolution. Students are required to give formal and informal oral presentations and write reports.

COMS 140 - Small Group Communication

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* eligibility for English 101

In this course, students plan and participate in a variety of group projects, such as panel and symposium discussions. Topics include decision making, role identification, interpersonal needs within a group, team participation, appropriate interdependency on group members, effective leadership skills, cohesiveness, conflict resolution and professional presentation styles.

COMS 250 - Oral Interpretation of Literature

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* eligibility for English 101

In this course, students will study how to orally interpret literature through reading poetry, drama, short stories and essays. Emphasis will be placed on the techniques of exploring, illuminating, and orally presenting the logical, emotional, and aesthetic meanings of literature.

COMS 260 - Introduction to Intercultural Communication

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* eligibility for English 101

This course examines general communication principles and cross-cultural communication styles, and presents in-class activities to enhance cross-cultural communication.

COMS 270 - Organizational Communication

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Recommended Preparation:* eligibility for English 101

This course examines the theories, methods and practices of communication that contribute to productivity and efficiency in private and public organizations. Emphasis is placed on the social science implications of communication and includes topics such as internal and external communication, interpersonal and group processes, and international communication.

COMS 99 - Independent Study

Units: 1 - 3 **min Lecture Hours:** 54 **max Lecture Hours:** 162

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

Enrollment Limitation: Two courses in Communication Studies with a minimum grade of B in each and acknowledgment by the instructor with whom the student will work.

This course provides special advanced studies in a subject field of Communication Studies not covered in the regular departmental offerings. Regular conferences with the instructor are coordinated with assigned Communication Studies projects (54 hours per unit).

Note: Transfer limitations apply.

COMPUTER INFORMATION SYSTEMS

CIS 102 - Office Applications

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

In this course, students are introduced to the Windows operating system and the capabilities of the computer. The file management system, spreadsheets, presentation and database software, email management, and beginning through advanced word processing topics will be taught in a hands-on environment. Operation of the computer as a general purpose office tool will be emphasized. This course uses Microsoft Word, Access, Excel, PowerPoint, and Outlook.

CIS 113 - Computer Information Systems

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 36 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* eligibility English 84

Recommended Preparation: Mathematics 23 or Business 15

This course introduces students to the concepts and technologies used in processing information in an organization. Topics include information systems, database management systems, networking, e-commerce, ethics and security, computer systems hardware, and applications. Students will apply these concepts and methods through hands-on projects developing computer-based solutions using application software.

CIS 116 - Using Microsoft Excel

Units: 3 **Lecture Hours:** 36 **Activity Hours:** 36 **Outside Hours:** 90

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Computer Information Systems 113 with a minimum grade of C or equivalent experience

In this course, students learn to use spreadsheets to solve business and information system problems in a graduated series of laboratory projects. The database, graphics features, macros, and advanced logical and financial functions of spreadsheets are utilized. The student will create and enhance charts, work with multiple worksheets and integrate spreadsheets with other Windows applications.

CIS 119 - Database Management Using Microsoft Access

Units: 3 **Lecture Hours:** 36 **Activity Hours:** 36 **Outside Hours:** 90

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Computer Information Systems 113 with a minimum grade of C or equivalent experience

This course offers instruction in the use of relational database management systems within a Windows environment. Students learn database concepts and terminology. Topics include designing, creating, and modifying table structures and relationships, and creating complex queries. Students create forms for viewing, entering, and editing data, and create reports that summarize and group information. Skills are applied to typical business operations such as inventory and human resources.

CIS 120 - Internet, Social Networking, and the Web**Units:** 3 **Lecture Hours:** 36 **Activity Hours:** 36 **Outside Hours:** 90**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Computer Information Systems 113 with a minimum grade of C or equivalent experience

This course explores the current state of the Internet, Social Networking, and the Web in correlation with emerging technologies. Topics discussed and examined through various assignments include Internet fundamentals, web functionality, business uses of the web, social media, privacy and social networking.

CIS 124 - Introduction to eCommerce**Units:** 3 **Lecture Hours:** 36 **Activity Hours:** 36 **Outside Hours:** 90**Grading Method:** Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Computer Information Systems 113 or equivalent experience and English 82

This introductory course will acquaint the student with fundamentals of Electronic Commerce. The primary focus will be the study of current eCommerce practices, business models, techniques and opportunities for conducting business via the Internet. This course will help to prepare students for employment as web content managers, eCommerce market research analysts and eCommerce business managers.

CIS 126 - Systems Analysis and Design**Units:** 3 **Lecture Hours:** 36 **Activity Hours:** 36 **Outside Hours:** 90**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Computer Information Systems 113 or equivalent experience

In this course the student will study systems analysis and design concepts as they are applied in business environments. Topics emphasize methodologies used by the analyst throughout the systems development life cycle to analyze business problems or opportunities, address user needs, perform feasibility studies, specify business requirements through process, data and logic modeling, consideration of development alternatives, and implementation and maintenance of systems.

CIS 131 - Help Desk Operations**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72**Grading Method:** Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Computer Information Systems 113 with a minimum grade of C or equivalent experience

This course focuses on current, recognized, best practices in the field of help desk and end-user support targeting the field of Information Technology. Topics include end-user support roles within an organization, strategies in dealing with end-users, technical support documentation, and problem identification/resolution. Course emphasis is placed on using software tools to understand and implement service desk processes such as user support process flow, incident management, needs analysis, troubleshooting, and support documentation.

Note: Letter grade or pass/no pass option.

CIS 132 - Personal Computer Support and Networking

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* Computer Information Systems 13 or equivalent experience

In this course, students will become familiar with managing and supporting personal computers and basic networking within an organization. The class will emphasize networks and devices such as tablets, routers, office servers, personal computers, and systems software management. Topics will include network fundamentals, personal computer concepts, computer devices, hardware management, applications and operating system software installation, maintenance and troubleshooting, small network configuration, wireless LAN (Local Area Network), and ethical concerns within the information systems environment.

CIS 140 - Introduction to Networks Cisco 1

Units: 3 **Lecture Hours:** 36 **Activity Hours:** 36 **Outside Hours:** 90

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Computer Information Systems 113 with a minimum grade of C or equivalent experience

Recommended Preparation: Computer Information Systems 132

This course introduces students to fundamental networking concepts and technologies. Students will learn the skills necessary to plan and implement small networks across a range of applications. The course uses concepts of both hardware and software in order to understand principles of communication theory. This class is technically oriented and will prepare students for industry certification. Note: This course is semester one in the Cisco Networking Academy program (Preparation for CCNA Certification).

CIS 141 - Routing and Switching Essentials Cisco 2

Units: 3 **Lecture Hours:** 36 **Activity Hours:** 36 **Outside Hours:** 90

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Computer Information Systems 140 with a minimum grade of C or equivalent experience

In this course, students will develop an understanding of how a router learns about remote networks and determines the best path to those networks. This course includes both static routing and dynamic routing protocols. Students will become familiar with the terminology and technology used to design and build local and wide area networks. The course will also focus on routing protocols and concepts. Note: This course is semester two in the Cisco Networking Academy program. (Preparation for the CCNA Certification.)

CIS 160 - Application Development and Programming Using Visual Basic.Net

Units: 3 **Lecture Hours:** 36 **Activity Hours:** 36 **Outside Hours:** 90

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Computer Information Systems 113 with a minimum grade of C or equivalent experience

This course is an introduction to the fundamental concepts and models of application development including program design, data structures, programming, problem solving, programming logic, and design techniques for event-driven programs. A step-by-step, hands-on, project experience is used with a modern application programming language and development platform.

CIS 170 - Mashup JavaScript, jQuery and AJAX

Units: 4**Lecture Hours:** 54**Lab Hours:** 54**Outside Hours:** 108**Grading Method:** Letter or Pass/No Pass Option**Credit Status:** Credit, degree applicable**Transfer:** CSU

Conditions of Enrollment: *Prerequisite:* Computer Information Systems 113 with a minimum grade of C or equivalent experience

The fundamental concepts and structures of programming for the Web using client-side markup languages and the JavaScript programming language are covered. Students will develop web programs using conditional structures, variables, classes, objects, functions, events, arrays, windows, and forms. Standard documentation, testing and debugging techniques, used in the creation of eBusiness applications will be covered. Additional topics include an introduction to jQuery, XML and JSON data structures, and AJAX technologies used in web services.

Note: Letter grade or pass/no pass option.

CIS 174 - ASP.NET with C# Business Web Programming

Units: 4**Lecture Hours:** 54**Lab Hours:** 54**Outside Hours:** 108**Grading Method:** Letter or Pass/No Pass Option**Credit Status:** Credit, degree applicable**Transfer:** CSU

Conditions of Enrollment: *Prerequisite:* Computer Information Systems 113 with a minimum grade of C or equivalent experience

Recommended Preparation: Computer Information Systems 170

This introductory programming course incorporates the basic concepts of web programming, problem solving, programming logic, and design techniques using the Microsoft.NET web programming languages. The student will be able to build a dynamic data-driven web application using an SQL (Structured Query Language) database. Emphasis is placed on emerging web programming skills and technologies to prepare students for advanced programming applications and to enter the e-Business industry.

CIS 176 - Building Mobile Apps

Units: 3**Lecture Hours:** 36**Lab Hours:** 54**Outside Hours:** 72**Grading Method:** Letter**Credit Status:** Credit, degree applicable**Transfer:** CSU

Conditions of Enrollment: *Prerequisite:* Computer Information Systems 113 with a minimum grade of C or equivalent experience

In this course, students will design, develop, test, debug and launch mobile applications (apps) using open source standards that are adaptable to various development frameworks such as Android, iOS, and Windows. Topics include design principles, application structure, graphics, user interfaces, animation, cloud services, and data storage. Accessing the native features of the mobile device including geolocation, accelerometer, media capture, notifications, and services will be covered.

CIS 180 - Database Programming

Units: 4**Lecture Hours:** 54**Activity Hours:** 36**Outside Hours:** 126**Grading Method:** Letter**Credit Status:** Credit, degree applicable**Transfer:** CSU

Conditions of Enrollment: *Prerequisite:* Computer Information Systems 119 with a minimum grade of C or equivalent experience in database design

The effective and efficient use of the structured query programming language (SQL), used in Oracle, SQL Server, and many other database applications, is introduced and developed in lectures and reinforced through a series of lab projects of increasing complexity. Topics include the building and manipulation of tables, data retrieval, and data administration, as used in modern business.

CIS 182 - Advanced Database Applications

Units: 3 **Lecture Hours:** 36 **Activity Hours:** 36 **Outside Hours:** 90

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Computer Information Systems 119 with a minimum grade of C

This course offers advanced instruction in relational databases. Students will learn to design and develop a database from user specifications. Topics include analyzing source documents, normalizing a database, techniques of effective design, big data, data mining, and data analytics. Applications used are typical business operations such as inventory and human resources.

CONTEMPORARY HEALTH

CH 101 - Personal and Community Health Issues

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC*

Conditions of Enrollment: English 84

This course is designed to provide a critical analysis of factors, which affect personal and community health. Primary emphasis is placed upon self-empowerment and disease prevention in a culturally diverse community. General topics include infectious and non-infectious diseases; physical fitness, weight management, and nutrition; human reproduction and sexuality; stress management and mental health; drug use and abuse; and environmental health.

Note: This course satisfies Section A, Area 5 of the associate degrees' requirements.

**Note: The maximum UC credit allowed for students completing Contemporary Health 101 and Contemporary Health 105 is one course.*

CH 105 - Contemporary Women's Health

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC*

Conditions of Enrollment: *Recommended Preparation:* English B and English 84

This course is designed to investigate the many sociological, psychological, and physiological aspects related to women's health. Topics include the life challenges women face, such as body image, abuse, nutrition and exercise, sexual and reproductive health, consumerism and mental health.

**Note: The maximum UC credit allowed for students completing Contemporary Health 105 and Contemporary Health 101 is one course.*

COSMETOLOGY

COSM 101 - Introduction to Cosmetology Procedures

Units: 13 **Lecture Hours:** 108 **Lab Hours:** 540 **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

This course covers the study of basic principles and practical operations of cosmetology equipment, procedures and techniques. It is designed as an intensive, multidisciplinary lab in the most common cosmetology processes. Lectures cover the fundamental theories of the practice of cosmetology and their application. Laboratory work is designed to provide the basic cosmetology student with an intensive forum for development of basic cosmetology skills, techniques, safety practices, and sanitation procedures.

Note: Cosmetology 104 and 105 can be substituted for Cosmetology 101.

COSM 104 - Introduction to Cosmetology I

Units: 6.5 **Lecture Hours:** 72 **Lab Hours:** 252 **Outside Hours:** 36

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

This course is the first of a two-course introductory series covering cosmetology procedures and equipment for wet and thermal styling, permanent waving, chemical straightening, hair coloring, scalp treatments, manicuring and pedicuring procedures. This is a preparatory course for the State Board of Cosmetology examination and employment.

Note: Students who have earned credit in Cosmetology101 cannot receive unit credit for Cosmetology104.

Note: First time students must purchase the complete kit of supplies from the Compton College Bookstore.

COSM 105 - Introduction to Cosmetology II

Units: 6.5 **Lecture Hours:** 72 **Lab Hours:** 252 **Outside Hours:** 36

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Cosmetology104 with a minimum grade of C or equivalent

This is the second of a two-course introductory series covering cosmetology procedures for wet and thermal styling, permanent waving, chemical straightening, hair coloring, scalp treatments, facials, manicuring and pedicuring. This course is one of a sequence of courses that prepares students for the State Board of Cosmetology examination and employment.

Note: Students who have earned credit in Cosmetology101 cannot receive unit credit in Cosmetology105.

COSM 110 - Intermediate Cosmetology

Units: 8 **Lecture Hours:** 54 **Lab Hours:** 270 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Cosmetology 101 or Cosmetology 104 and 105 with a minimum grade of C or equivalent

The intermediate principles and practical operations of cosmetology equipment, procedures and techniques will be studied. The course is designed as an intensive, multi-disciplinary workshop in the most common cosmetology processes. Lectures focus on intermediate theories of the practice of cosmetology and application. The lab supports cosmetology students with skills, techniques, safety practices, and sanitation procedures according to the California State Board of Barbering and Cosmetology. Students will be introduced to performing intermediate cosmetology procedures on clients in a salon setting.

COSM 112 - Advanced Cosmetology

Units: 8 **Lecture Hours:** 54 **Lab Hours:** 270 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Cosmetology 110 or Cosmetology 105 with a minimum grade of C or equivalent

The advanced principles and practical operations of cosmetology equipment, procedures and techniques will be studied. The course is designed as an intensive, multi-disciplinary workshop in the most common cosmetology processes. Lectures focus on advanced theories of the practice of cosmetology and application. The lab is designed to support cosmetology students with skills, techniques, safety practices and sanitation procedures according to the California State Board of Barbering and Cosmetology. Students will perform advanced cosmetology procedures on clients in a salon setting.

COSM 114 - Advanced Cosmetology and Introduction to State Board Review**Units:** 8 **Lecture Hours:** 54 **Lab Hours:** 270 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Cosmetology 112 or Cosmetology 105 with a minimum grade of C or equivalent

This course is an advanced study of cosmetology practices. Lectures focus on advanced cosmetology theories. Emphasis is placed on mastery of the necessary cosmetology concepts, principles and skills on clients in a salon setting to pass the California State Licensing exam for Cosmetology. Students will also receive an introduction to prepare for the California State Board of Barbering and Cosmetology written and practical exams. Simulated state board exams will be administered.

COSM 116 - Advanced Preparation for State Board Review**Units:** 8 **Lecture Hours:** 54 **Lab Hours:** 270 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Cosmetology 114 with a minimum grade of C or equivalent

This course is designed to prepare students for the California State Board of Barbering and Cosmetology licensing exams, both the written and practical. Students will complete the remaining 1600 hours of applied skill practices. Simulated state board exams will be administered.

Note: Prior to enrolling into this course, students must have completed 1300 of the 1600 hours of applied skill practices required by the State Board of Barbering and Cosmetology.

COSM 120 - Introduction to Esthetician**Units:** 10 **Lecture Hours:** 90 **Lab Hours:** 270 **Outside Hours:** 180**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course is an introduction to the principles of esthetician procedures. Students are introduced to the theory and practices of esthetician applications for facial, health, client protection and safety, hair removal and makeup applications. The lab is designed to support the esthetician student with an extensive opportunities for the development of esthetician skills, techniques, safety and sanitation practices according to the California State Board of Barbering and Cosmetology.

Note: Upon completion of the esthetician program, students are expected to have a minimum of 600 hours of applied skill practice required by the State Board of Barbering and Cosmetology. Students will complete a minimum of 300 hours of esthetician training in this course.

COSM 121 - Advanced Esthetician**Units:** 10 **Lecture Hours:** 90 **Lab Hours:** 270 **Outside Hours:** 180**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Cosmetology 120 with a minimum grade of C or equivalent

This is an advanced course in the principles of esthetician procedures. Students are given advanced theory and practical practices in facials, preparation, health, safety, laws, regulations, disinfectant, sanitation, anatomy, physiology, hair removal and makeup. State Board of Barbering and Cosmetology exam practices will be emphasized.

Note: When enrolling into this course students must have a minimum of 300 hours completed. Upon completion of this course, students are expected to have a minimum of 600 hours of applied skill practice required by the State Board of Barbering and Cosmetology.

COSM 125 - Cosmetology Applications

Units: 3 **Lecture Hours:** 27 **Lab Hours:** 135 **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Cosmetology 101 or Cosmetology 104 with a minimum grade of C in prerequisite or equivalent

This course covers the study of intermediate principles, procedures, techniques and practical operations of cosmetology equipment. It is designed as an intensive, multidisciplinary workshop in the most common cosmetology processes. Lectures center on the theories of the practice of cosmetology and their applications. Laboratory work is designed to provide the student with a forum for development of intermediate cosmetology skills, techniques, safety practices and sanitation procedures.

COSM 130 - Advanced Cosmetology Applications

Units: 5 **Lecture Hours:** 32 **Lab Hours:** 224 **Outside Hours:** 36 (8 week course)

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: Not Transferable

Conditions of Enrollment: *Prerequisite:* Cosmetology 101 or Cosmetology 104 and 105 with a minimum grade of C in prerequisite or completion of 399 hours from a state-approved cosmetology program

This course explores the study of advanced principles and practical operations of cosmetology equipment, procedures and techniques. It is designed as an intensive, multi-disciplinary class which focuses on the most common cosmetology processes. Lectures center on the advanced theories of the practice of cosmetology and application. Laboratory work is designed to support the advanced cosmetology student with an intensive forum for development of advanced cosmetology skills, techniques, safety practices and sanitation procedures.

COSM 140 - Cosmetology Practicum

Units: 4 **Lecture Hours:** 36 **Lab Hours:** 180 **Outside Hours:** 24

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: Not Transferable

Conditions of Enrollment: *Prerequisite:* Cosmetology 101 or Cosmetology 104 and 105 with a minimum grade of C in prerequisite

This course is designed for the student who is in need of receiving hours toward their State Board of Cosmetology requirement. The focus of this class is on the advanced principles and practical operations of cosmetology equipment, procedures and techniques.

COSM 160 - Cosmetology Client Lab

Units: 2 **Lecture Hours:** 0 **Lab Hours:** 108 **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: Not Transferable

Conditions of Enrollment: *Prerequisite:* Cosmetology 112 with a minimum grade of C in prerequisite

In a salon setting, students will work on clients. This lab course is designed for students to receive the necessary hours of applied skill practices toward their State Board of Cosmetology requirement.

COSM 95 - Cooperative Work Experience Education

Units: 2-4 **Lecture Hours:** 0 **Lab Hours:** hours to be arranged **Faculty Load:** 0%

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

Enrollment Limitation: Employment or volunteer work in a position related to the student's major or career goal by the second week of the semester. Completion of or current enrollment in one course from the major.

Through a set of learning objectives established by the student, supervisor, and instructor, each student will work with and learn from experts in the Cosmetology field. These experiences will enable students to improve job skills, analyze career opportunities and requirements, and compare them to personal abilities and career expectations.

Note: Transfer limitations apply.

Note: The total units earned for Cooperative Work Experience Education may not exceed 16 units.

COSM 99 - Independent Study

Units: 1-3 **min Lecture Hours:** 54 **max Lecture Hours:** 162

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

Enrollment Limitation: Two courses in Cosmetology with a minimum grade of B in each and acknowledgment by the instructor with whom the student will work.

This course provides special advanced studies in a subject field of Cosmetology not covered in the regular departmental offerings. Regular conferences with the instructor are coordinated with assigned Cosmetology projects (54 hours per unit).

Note: Transfer limitations apply.

DANCE

DANC 101 - Dance Appreciation

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* eligibility for English 101

This course is a survey of styles, artists, and cultural/historical context for dance as an art form and social expression. Topics of emphasis may be varied from semester to semester to reflect visiting artists, current events, and popular culture. In addition to class time, students will be required to attend selected dance events.

DANC 103 - History of Dance in the 20th Century

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* Dance 110 or eligibility for English 101

This course presents dance history of the 20th century. The course will focus on trends in ballet and modern dance forms as they relate to 20th century aesthetic viewpoints. Attendance at selected dance events is required.

DANC 110 - Beginning Dance

Units: 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36
Grading Method: Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: None

This course is an introduction to basic dance techniques and terminology. It includes segments on body alignment, flexibility, strength, coordination and combinations common to ballet, jazz and modern dance. Attendance is required at selected dance events.

Note: Letter grade or pass/no pass option.

DANC 120A - Beginning Ballet A

Units: 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36
Grading Method: Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: *Recommended Preparation:* Dance 110

This course is the first in a sequence of two levels of ballet. This course will reinforce basic barre and centerwork ballet skills and is required of all dance majors. Attendance is required at selected dance events.

DANC 120B - Beginning Ballet B

Units: 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36
Grading Method: Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: *Prerequisite:* Dance 120A with a minimum grade of C

This course is the second of two levels of Ballet Technique I and is applicable to the dance major. Barre and center work will expand upon skills learned in the first ballet technique course. Emphasis will be on simple allegro and adagio combinations. Attendance at selected dance events is required.

DANC 130A - Beginning Modern Dance A

Units: 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36
Grading Method: Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: *Recommended Preparation:* Dance 110 or equivalent and English A

This course is the first in a sequence of four levels of modern dance. It focuses on the development of dance skills through modern dance movement, emphasizing combinations on the floor and standing or traveling through space. Creative expression is included through exploration of dance skills. Attendance is required at selected dance events.

Note: Letter grade or pass/no pass option.

DANC 130B - Beginning Modern Dance B

Units: 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36
Grading Method: Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable
Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Dance 130A with a minimum grade of C.

This course is the second in a sequence of four levels of modern dance. This course focuses on the continued development of dance skills through modern dance movement, emphasizing combinations on the floor and standing or traveling through space. Technique skills are reinforced through creative expression of more complex movement. Attendance is required at dance events.

Note: This course is required of all dance majors.

Note: Letter grade or pass/no pass option.

DANC 140 - Jazz Dance I

Units: 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36
Grading Method: Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable
Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* Dance 110 or equivalent

This course is the first in a sequence of two levels of jazz dance. This course includes work on centering, turns, timing, flexibility, and strength training. Attendance is required at selected dance events.

DANC 161 - Tap Dance I - Beginning

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC

Conditions of Enrollment: None

This course introduces elementary techniques of tap dancing, including music theory concepts as they apply to the rhythms of tap dance. Attendance is required at selected dance events.

DANC 162 - Hip Hop Dance

Units: 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36
Grading Method: Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable
Transfer: CSU, UC

Conditions of Enrollment: None

In this course students are introduced to various forms of Hip Hop dance. The history, vocabulary, social and theatrical codification of Hip Hop dance are also explored.

DANC 164 - World Dance

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC

Conditions of Enrollment: None

This course provides an overview of several specific cultural dance styles which may include African, Afro-Cuban, Mexican, Tap, Middle Eastern, or Asian dance. The study of music, art, costumes, and regional customs of the particular style is also included.

DANC 165 - African Dance

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0
Grading Method: Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: None

This course introduces selected dances of Africa through the practice of steps and choreography. The music and artifacts of the dances are covered, as well as their social or religious significance in African cultures. The coordination of polyrhythmic body movements with the music is emphasized. Attendance at selected dance events is required.

DANC 168 - Latin Social Dance

Units: 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36
Grading Method: Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: None

This course is an overview of Latin social dances including salsa, cha cha, tango, rhumba, samba, mambo, and selected folk and regional dances. Areas of study include movement theory, dance vocabulary, dance courtesy, fundamentals of music as they relate to dance, and dance history. Students will be exposed to vintage dance forms as well as current trends. Attendance at selected dance events is required.

DANC 170 - Improvisation

Units: 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36
Grading Method: Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: None

This course is designed for students with all levels of dance experience. The emphasis of the class is to encourage creative development rather than technical dance skills. It is highly recommended for non-dancers and beginning choreographers. Content areas include improvisational problems organized into three main areas: space, time, and movement invention. Topics progress from individual exploration to formally structured group improvisation. Attendance at selected dance events is required.

DANC 171A - Beginning Choreography A

Units: 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: *Prerequisite:* Dance 170 with a minimum grade of C or concurrent enrollment

This course is an introduction to fundamental skills and concepts of choreography with an emphasis on utilizing movement for solo and duets in creating dances. Attendance at selected dance events is required.

DANC 171B - Beginning Choreography B

Units: 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: *Prerequisite:* Dance 171A with a minimum grade of C

This course is a continuation of Choreography 171A with exploration of movement extended to small group choreography. Emphasis is on the development from solo and duet work to trio and quartets. Attendance at selected dance events is required.

DANC 183 - Dance Workshop Ensemble**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 72 to be arranged **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** select one of the following courses: Dance 110, 120A, 120B, 130A, 130B, 140, 161, 162, 164, 165, 168, 170, 171A, 171B, 220A, 220B, 230A, 230B, 240, 250, 262 with a minimum grade of C in prerequisite.

This course is an introduction to dance performance of works in progress. Students will participate in one or more formal or informal performances as dancers. This course may be taken twice.

DANC 220A - Intermediate Ballet A**Units:** 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36**Grading Method:** Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Dance 120B with a minimum grade of or equivalent

This course is the second of two levels of ballet offered and is applicable to the dance major. Barre and centerwork will expand upon skills learned in Ballet I. Emphasis will be on complexity in allegro and adagio combinations. Students will perform variations from the classical repertoire. Attendance is required at selected dance events.

DANC 220B - Intermediate Ballet B**Units:** 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36**Grading Method:** Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Dance 220A with a minimum grade of C

This course is the last in a series of four ballet courses and is applicable to the dance major. Barre and center work will expand upon skills learned in Dance 220A. Emphasis will be on complexity in allegro and adagio combinations. Students will perform variations from the classical repertoire. Attendance is required at selected dance events.

Note: Letter grade or pass/no pass option.

DANC 230A - Intermediate Modern Dance A**Units:** 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36**Grading Method:** Letter or Pass/No Pass Option **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Dance 130B with a minimum grade of C

This modern dance course is the third in a series of four levels. This is an intermediate/advanced level class that further develops the student's ability to use the body as an instrument of expression, with emphasis on performance skills, technique related to specific modern dance styles, and dance as a concert art form. Attendance at selected dance events is required.

Note: Letter grade or pass/no pass option.

DANC 230B - Intermediate Modern Dance B**Units:** 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* Dance 230A with a minimum grade of C

This course is the fourth in a sequence of four levels of modern dance. This course further develops the student's ability to use the body as an instrument of expression, with emphasis on advanced performance skills, technique related to specific modern dance styles, and dance as a concert art form. Attendance at selected dance events is required.

DANC 240 - Jazz Dance II**Units:** 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36**Grading Method:** Letter **or Pass/No Pass Option** **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* Dance140 with a minimum grade of C or equivalent

This is a continuation of Jazz Dance I with increased emphasis on ease of performance, projection, speed of learning and development of individual style. It will concentrate on dance terminology and techniques required for success in professional auditions. This course is highly recommended for those seeking a career in dance performance or related theatrical fields. Attendance is required at selected dance events.

DANC 250 - Pilates Mat Class**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72**Grading Method:** Letter **or Pass/No Pass Option** **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** None

This course covers the concepts and exercises developed by Joseph H. Pilates. Emphasis is placed on mat work that features exercises for improving body alignment, strength, flexibility, muscle control, coordination, and breathing. Exercises are designed to enhance dance technique and performance as well as to help the dancer prevent injuries.

DANC 262 - Commercial Dance**Units:** 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36**Grading Method:** Letter **or Pass/No Pass Option** **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* Dance 240 with a minimum grade of C**Recommended Preparation:** Dance120A

This course is designed for those attending commercial auditions on a regular basis and emphasizes movement for commercial dance work used in motion pictures, concert dance, television, industrial shows, and other commercial applications. It offers instruction in current trends in popular dance, jazz styling, and commercial audition preparation. Attendance is required at selected dance events.

DANC 287 - Concert Dance Ensemble**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 72 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** **Enrollment Limitation:** audition**Recommended Preparation:** Intermediate/advanced level of technique in ballet, modern, and jazz.

This course offers students an opportunity to participate in a concert dance production in a capacity to be determined by the abilities of the individual and the demands of the choreography. This course may be taken twice.

ECONOMICS**ECON101 - Principles of Economics: Macroeconomics****Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** **Prerequisite:** Mathematics 73 or 80 with a minimum grade of C or assessment and placement using multiple measures. **Recommended Preparation:** eligibility of English 101

This course introduces students to the principles that explain the operation of the national economy. Topics to be analyzed include consumption of products, exchange, aggregate output, the money supply, national income, price level, economic growth, international trade, international finance, and macroeconomics policies. Note: Economics or Business majors should consult with a counselor to determine which intermediate algebra course is appropriate for the major.

ECON101H - Honors Principles of Economics: Macroeconomics**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** **Prerequisite:** Mathematics 73 or 80 with a minimum grade of C or assessment and placement using multiple measures. **Recommended Preparation:** eligibility of English 101

This honors course, intended for students in the Honors Transfer Program, introduces students to the principles that explain the operation of the national economy. Topics to be analyzed include consumption of products, exchange, aggregate output, the money supply, national income, price level, economic growth, international trade, international finance, and macroeconomics policies. This course is enriched through extensive, rigorous reading, writing, and research assignments. Note: Students may take either Economics101 or Economics101H. Duplicate credit will not be awarded.

ECON102 - Principles of Economics: Microeconomics Theory**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** **Prerequisite:** Economics 101 with a minimum grade of C

This course focuses on the fundamental laws of supply and demand. The principles that govern the operation of the market economy using microeconomic theory will be examined. In particular, emphasis will be placed on decision making by individual consumers and firms, and how the allocation of goods and resources are determined in both competitive and monopolistic markets.

ECON105 - Fundamentals of Economics**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC***Conditions of Enrollment:** *Recommended Preparation:* eligibility of English 101

In this course, students are introduced to the study of how a market economy solves the problem that the scarcity of resources and goods imposes on a society. Supply and demand concepts, the effects of controls on the economy, unemployment and inflation, and the principles of international trade and finance are also discussed.

**Note: Students will not receive UC credit for Economics105 if taken after Economics101 or102*

EDUCATION**EDUC101 - Introduction to the Field of Education****Units:** 1 **Lecture Hours:** 18 **Lab Hours:** 0 **Outside Hours:** 36**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Recommended Preparation:* eligibility for English 101

This course is designed to help students explore a variety of careers in education and to prepare them for future studies in the field. Course topics include the qualities of effective teachers and other school professionals as well as the challenges and rewards of various careers in education. Types of credentials and credential programs, subject area coursework, state examinations, educational and technological resources, state standards, and professional portfolios will be discussed. Throughout the course, students will also conduct off-site observations.

EDUC 201 - Foundations in Education**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* Education 101 with a minimum grade of C in prerequisite and eligibility for English 101

This course introduces students to concepts and issues related to teaching children with diverse backgrounds in preschool through grade twelve. Course topics include teaching as a profession and career, contemporary educational issues, California's content and performance standards, and credential requirements. Throughout the course, students will contribute materials to their portfolios and will also conduct a minimum of 45 hours of pre-approved, structured fieldwork in diverse classroom settings.

EDUCATIONAL DEVELOPMENT**EDEV 29 - Individualized Assessment of Learning****Units:** 1 **Lecture Hours:** 18 **Lab Hours:** 0 **Outside Hours:** 36**Grading Method:** Pass/no pass only **Credit Status:** Credit, not degree applicable**Transfer:** Not Transferable**Conditions of Enrollment:** None

This course is designed to provide strategies for academic success for students with special learning needs. Individual assessments of learning strengths and weaknesses will be completed, which may determine eligibility for accommodations through the Special Resource Center. In addition, this course will introduce concepts of disability management and self-advocacy in the college setting. Students will learn to identify their individual learning styles and develop their individual learning profile.

Note: Recommended referral by Special Resource Center is advised.

Note: Pass/no pass only

EDEV 33 - Specific Learning Strategies

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108
Grading Method: Pass/no pass only **Credit Status:** Credit, not degree applicable
Transfer: Not Transferable
Conditions of Enrollment: None

Students with learning challenges are taught specific techniques, learning systems and strategies which enable them to effectively acquire, integrate, store, and retrieve information to improve learning and test performance for greater college success.

Note: This course is appropriate for students with disabilities.

Note: Pass/no pass only

EDEV 35 - Reading Skills for Students with Learning Differences

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 18 **Outside Hours:** 90
Grading Method: Pass/no pass only **Credit Status:** Credit, not degree applicable
Transfer: Not Transferable
Conditions of Enrollment: None

This course, designed for students who have a processing deficit in reading, will emphasize a variety of learning strategies and electronic technologies. Learners will increase their reading vocabulary, level of reading comprehension, and fluency in processing the printed word. Students will gain greater awareness of their learning preferences and how to apply them to increase their reading and learning levels. Students will construct a learning system which will facilitate their ability to read, to understand, and to critically evaluate reading material.

Note: This course is appropriate for students with disabilities.

Note: Pass/no pass only

EDEV 36 - Writing Skills for Students with Learning Differences

Units: 3 **Lecture Hours:** 36 **Activity Hours:** 36 **Outside Hours:** 90
Grading Method: Pass/no pass only **Credit Status:** Credit, not degree applicable
Transfer: Not Transferable

Conditions of Enrollment: Recommended Preparation: Students should ideally read with fluency and comprehension skills commensurate at a sixth grade reading level

This course is designed for students with learning differences who need to improve basic writing skills. A process approach to writing is integrated with reading assignments to provide a variety of writing experiences. Students practice learning strategies related to writing and receive individualized instruction to increase writing skills and to prepare for regular English classes.

Note: This course is appropriate for students with disabilities.

Note: Pass/no pass only

EDEV 37 - Increased Learning Performance: English

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0
Grading Method: Pass/no pass only **Credit Status:** Credit, not degree applicable
Transfer: Not Transferable

Conditions of Enrollment: Enrollment Limitation: concurrent enrollment in a Compton College English course

In this laboratory course, students will increase learning performance and study skills which relate to content of other Compton College English courses. Students will enhance their critical thinking and time management skills. Students will evaluate appropriate campus resources and assistive technologies which may promote academic success in reading and writing courses.

Note: This course is appropriate for students with disabilities.

Note: Pass/no pass only.

EDEV 38 - Increased Learning Performance: Mathematics

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0
Grading Method: Pass/no pass only **Credit Status:** Credit, not degree applicable
Transfer: Not Transferable

Conditions of Enrollment: Enrollment Limitation: concurrent enrollment in a Compton College course

In this laboratory course, students will increase learning performance and study skills which relate to the content of the Compton Mathematics course in which the student is concurrently enrolled. Students will enhance their critical thinking and time management skills. Students will evaluate appropriate campus resources and assistive technologies which promote academic success in math.

Note: This course is appropriate for students with disabilities.

Note: Pass/no pass only.

EDEV 41 - Assistive Computer Technology Laboratory

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0
Grading Method: Pass/no pass only **Credit Status:** Credit, not degree applicable
Transfer: Not Transferable

Conditions of Enrollment: Recommended Preparation: basic computer literacy skills and ability to type 5 words per minute

This computer laboratory course is designed to enhance computer skills of students with disabilities. Students will select disability specific programs and/or assistive technology suited to their particular needs and will improve their skills and competencies in personal computer usage.

Note: Pass/no pass only

EDEV 121 - Career Preparation

Units: 2 **Lecture Hours:** 36 **Lab Hours:** 36 **Outside Hours:** 36
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU

Conditions of Enrollment: Recommended Preparation: English 82 and Educational Development 140

This course assists students in selecting a career and developing effective job-seeking skills. Students will complete inventories for interests, personality, work values, and motivated skills and will then research various careers, including the education required. In addition, students will practice the steps needed to attain employment and will identify laws and agencies which protect the rights of the disabled in the workplace.

Note: This course is appropriate for students with disabilities. This course is occasionally taught in American Sign Language and is designed for students who are deaf or hard-of-hearing.

EDEV 140 - Assisted Computer Literacy**Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 18 **Outside Hours:** 54**Grading Method:** Letter or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Recommended Preparation:* minimum typing speed of 5 words per minute

This introductory computer course is designed to instruct students with disabilities in the use of assistive computer technology appropriate to the individual's functional limitations. The student will acquire basic computer literacy skills with an emphasis on word processing in the Windows environment.

Note: Letter grade or pass/no pass option

Note: This course is appropriate for students with disabilities.

ENGINEERING**ENGR 101 - Introduction to Engineering****Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** None

This course is an orientation to the preparation, training, practice, obligations and ethics of the engineering profession, as well as an introduction to the various engineering disciplines. Speakers from various fields present opportunities and challenges in the engineering profession. Academic success strategies related to the study of engineering are emphasized.

ENGR 109 - Engineering Mechanics - Statics**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* Physics 150 and Mathematics 191 with a minimum grade of C

In this course, students will explore resultants and components of concurrent forces; moments of forces with respect to points and axes; equivalent systems of forces and moments; equilibria of particles and rigid bodies in two and three dimensions; distributed forces; centroids and centers of gravity; analysis of structures; forces in beams; friction moments and products of inertia; and energy methods.

ENGINEERING TECHNOLOGY**ETEC 110 - Principles of Engineering Technology****Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

In this course, students will explore technology systems and engineering processes to learn how math, science, and technology impact our society. The topics introduced include the design process, communication and documentation, engineering systems, statics, properties of materials, quality assurance, materials testing and engineering for reliability.

ETEC 110A - Principles of Engineering Technology I

Units: 1.5 **Lecture Hours:** 18 **Lab Hours:** 36 **Outside Hours:** 27

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

This is the first of two courses in which students will explore technology systems and engineering processes to learn how math, science, and technology impact our society. The topics introduced include the design process, communication, documentation, and engineering systems.

Note: The two-course sequence Engineering Technology110A and Engineering Technology110B is the same as Engineering Technology110.

ETEC 110B - Principles of Engineering Technology II

Units: 1.5 **Lecture Hours:** 18 **Lab Hours:** 36 **Outside Hours:** 27

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Recommended Preparation:* Engineering Technology 110A

This is the second of two courses in which students will explore technology systems and engineering processes to learn how math, science, and technology impact our society. The topics introduced include statics, properties of materials, quality assurance, materials testing and engineering for reliability.

Note: The two-course sequence Engineering Technology110A and Engineering Technology 110B is the same as Engineering Technology 110.

ETEC 112 - Introduction to Engineering Design

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

In this course, student are introduced to the basics of the design process used in engineering fields and the application of computer modeling software. Emphasis is placed on the design process, geometric relationships, visualization, technical sketching, modeling, model documentation, assemblies and production processes.

ETEC 112A - Introduction to Engineering Design I

Units: 1.5 **Lecture Hours:** 18 **Lab Hours:** 36 **Outside Hours:** 27

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

This course is the first of two courses in which students are introduced to the basics of the design process used in engineering fields and the application of computer modeling software. Emphasis is placed on the design process, geometric relationships, visualization, and technical sketching.

Note: The two-course sequence Engineering Technology112A and Engineering Technology112B is the same as Engineering Technology112.

ETEC 112B - Introduction to Engineering Design II**Units:** 1.5 **Lecture Hours:** 18 **Lab Hours:** 36 **Outside Hours:** 27**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Engineering Technology 112A

This course is the second of two courses in which students are introduced to the basics of the design process used in engineering fields and the application of computer modeling software. Emphasis is placed on, modeling, model documentation, assemblies and production processes.

Note: The two-course sequence Engineering Technology 112A and Engineering Technology 112B is the same as Engineering Technology 112.

ETEC 114 - Electronics for Engineering Technologists**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

In this course, students are introduced to the application of electronics in engineering technology. The topics studied include safety, Ohm's Law, engineering notation, Direct Current (DC) circuits, capacitance, inductance, reactance, impedance, analog and digital waveforms, basic motors, number systems, logic gates, Boolean algebra, flipflops, shift registers and microprocessors. Techniques in computer simulation and electrical measurements will be stressed.

ETEC 114A - Electronics for Engineering Technologists I**Units:** 1.5 **Lecture Hours:** 18 **Lab Hours:** 36 **Outside Hours:** 27**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This is the first of two courses in which students are introduced to the application of electronics in engineering technology. The topics studied include safety, Ohm's Law, engineering notation, direct current circuits, capacitance, inductance, reactance, and impedance. Techniques in computer simulation and electrical measurements will be stressed.

Note: The two-course sequence Engineering Technology 114A and Engineering Technology 114B is the same as Engineering Technology 114.

ETEC 114B - Electronics for Engineering Technologists II**Units:** 1.5 **Lecture Hours:** 18 **Lab Hours:** 36 **Outside Hours:** 27**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Engineering Technology 114A

This is the second of two courses in which students are introduced to the application of electronics in engineering technology. The topics studied include safety, analog and digital waveforms, basic motors, number systems, logic gates, Boolean algebra, flip-flops, shift registers and micro-processors. Techniques in computer simulation and electrical measurements will be stressed.

Note: the two-course sequence Engineering Technology 114A and Engineering Technology 114B is the same as Engineering Technology 114.

ETEC 115 - Aerospace Engineering

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

This course introduces student to the various aspects of aerospace engineering. Through hands-on projects and problems, students will learn about aerodynamics, astronautics, space-life sciences and systems engineering.

ETEC 115A - Aerospace Engineering I

Units: 1.5 **Lecture Hours:** 18 **Lab Hours:** 36 **Outside Hours:** 27

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

This is the first of two courses that introduces the various aspects of aerospace engineering. Through hands-on projects and problems, topics will include aerodynamics and astronautics.

Note: The two-course sequence Engineering Technology 115A and 115B is the same as Engineering Technology 115.

ETEC 115B - Aerospace Engineering II

Units: 1.5 **Lecture Hours:** 18 **Lab Hours:** 36 **Outside Hours:** 27

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Recommended Preparation:* Engineering Technology 115A

This is the second of two courses that introduces the various aspects of aerospace engineering. Through hands-on projects and problems, topics will include astronautics, space-life sciences and systems engineering.

Note: The two-course sequence Engineering Technology 115A and 115B is the same as Engineering Technology 115.

ETEC 116 - Computer Integrated Manufacturing

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

This course covers the integration of engineering technology principles and automation in manufacturing environments. Students will create three-dimensional designs with modeling software and produce actual components of their designs on Computer Numerically Controlled (CNC) machine tools. Additional topics covered include machine tool operations, simulations, Rapid Prototyping (RP), robotics, and manufacturing systems.

ETEC 116A - Computer Integrated Manufacturing I**Units:** 1.5 **Lecture Hours:** 18 **Lab Hours:** 36 **Outside Hours:** 27**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This is the first of two courses that cover the integration of engineering technology principles and automation in manufacturing environments. The topics covered include machine tool operations, simulations and robotics.

Note: The two-course sequence Engineering Technology 116A and Engineering Technology 116B is the same as Engineering Technology 116.

EETEC116B - Computer Integrated Manufacturing II**Units:** 1.5 **Lecture Hours:** 18 **Lab Hours:** 36 **Outside Hours:** 27**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Recommended Preparation:* Engineering Technology 116A

This is the second of two courses that cover the integration of engineering technology principles and automation in manufacturing environments. Students will create three-dimensional designs with modeling software and produce actual components of their designs on Computer Numerically Controlled (CNC) machine tools. Additional topics covered include simulations, Rapid Prototyping (RP), and manufacturing systems.

Note: The two-course sequence Engineering Technology 116A and Engineering Technology 116B is the same as Engineering Technology 116.

EETEC118 - Engineering Design and Development**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** Prerequisite Engineering Technology 110 or 110A and 110B; or Engineering Technology 112 or 112A and 112B with a minimum grade of C

In this capstone course, students work in teams to design and construct solutions to engineering problems. Emphasis will be placed on research methods, design problem statements, continuous improvement, cost analysis, prototyping, testing methods, project construction and project presentation.

EETEC118A - Engineering Design and Development I**Units:** 1.5 **Lecture Hours:** 18 **Lab Hours:** 36 **Outside Hours:** 27**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** Prerequisite Engineering Technology 110 or 110A and 110B; or Engineering Technology 112 or 112A and 112B with a minimum grade of C

This is the first course in a two-course sequence that covers engineering design and development concepts. In this capstone course, students work in teams to design and construct solutions to engineering problems. Emphasis will be placed on research methods, design problem statements, continuous improvement, cost analysis and prototyping. Knowledge gained will be applied to a design solution of a problem assigned in the capstone project.

Note: The two-course sequence Engineering Technology 118A and Engineering Technology 118B is the same as Engineering Technology 118.

ETEC118B - Engineering Design and Development II**Units:** 1.5 **Lecture Hours:** 18 **Lab Hours:** 36 **Outside Hours:** 27**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Prerequisite:* Engineering Technology 118A

This is the second course in a two-course sequence that covers engineering design and development. In this capstone course, students work together in teams to design and construct solutions to engineering problems. Emphasis will be placed on testing methods, project construction, project presentation and professional peer review.

Note: The two-course sequence Engineering Technology 118A and Engineering Technology 118B is the same as Engineering Technology 118.

ENGLISH**ENGL 60 - Prewriting Workshop****Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72**Grading Method:** Pass/no pass **Credit Status:** Credit, not degree applicable**Transfer:** Not Transferable**Conditions of Enrollment:** None

In this course, students will learn strategies to increase their understanding and use of prewriting and planning techniques, which are important first steps in successfully completing college writing assignments.

Note: Pass/no pass only.

ENGL 61 - Test-Taking Strategies**Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72**Grading Method:** Pass/no pass only **Credit Status:** Credit, not degree applicable**Transfer:** Not Transferable**Conditions of Enrollment:** None

In this course, students examine how testing instruments (such as true/false, multiple choice, and essay questions) are structured. Students learn techniques designed to increase success on various types of achievement tests.

Note: Pass/no pass only.

ENGL 62 - Vocabulary Building for College Students**Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72**Grading Method:** Pass/no pass only **Credit Status:** Credit, not degree applicable**Transfer:** Not Transferable**Conditions of Enrollment:** None

This course is designed to increase the student's vocabulary in reading, listening, writing, and speaking by introducing words and concepts that are essential to academic success. A systematic method for continued vocabulary development is emphasized.

Note: Pass/no pass only.

ENGL 63 - Spelling Techniques

Units: 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72
Grading Method: Pass/no pass only **Credit Status:** Credit, not degree applicable
Transfer: Not Transferable
Conditions of Enrollment: None

This course is designed to help students identify and correct common spelling errors and to provide practice using the appropriate rules of spelling necessary for college-level writing.

Note: Pass/no pass only.

ENGL 64 - Memory Techniques

Units: 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72
Grading Method: Pass/no pass only **Credit Status:** Credit, not degree applicable
Transfer: Not Transferable
Conditions of Enrollment: None

This course is designed to introduce the student to methods of memory improvement and to provide practice in the techniques and their application to individual learning situations.

Note: Pass/no pass only.

ENGL 65 - Listening and Notetaking Strategies

Units: 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72
Grading Method: Pass/no pass only **Credit Status:** Credit, not degree applicable
Transfer: Not Transferable
Conditions of Enrollment: None

This course is designed for the student who needs to improve listening for comprehension. They will learn to take organized notes, identifying main and subordinate points into meaningful categories.

Note: Pass/no pass only.

ENGL 66 - Sentence Errors and Punctuation

Units: 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72
Grading Method: Pass/no pass only **Credit Status:** Credit, not degree applicable
Transfer: Not Transferable
Conditions of Enrollment: None

This course focuses on students locating and correcting in their own writing the most common and troublesome sentence structure errors. The correct use of punctuation is reviewed and practiced.

Note: Pass/no pass only.

ENGL 67 - Thinking Skills for College Courses

Units: 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72
Grading Method: Pass/no pass only **Credit Status:** Credit, not degree applicable
Transfer: Not Transferable
Conditions of Enrollment: None

This course is designed to instruct students on how to analyze and use information, identify patterns, find the relationships in analogies, and draw logical conclusions with precision and accuracy.

Note: Pass/no pass only.

ENGL 80 - Basic Language Skills

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 18 **Outside Hours:** 54
Grading Method: Pass/no pass only **Credit Status:** Credit, not degree applicable
Transfer: Not Transferable
Conditions of Enrollment: None

This course is designed to improve basic reading and study skills necessary for academic success. Special emphasis will be placed on reading comprehension, strategies for understanding written text, especially at the paragraph level, study and test-taking skills, and vocabulary expansion.

Note: Pass/no pass only

ENGL 82 - Introduction to Reading Skills

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 18 **Outside Hours:** 54
Grading Method: Pass/no pass only **Credit Status:** Credit, not degree applicable
Transfer: Not Transferable
Conditions of Enrollment: **Prerequisite:** credit in English 80 or assessment and placement by multiple measure

This course is designed to improve general reading and thinking abilities through strengthening the following skills: comprehension, vocabulary, and study and test-taking techniques. Special emphasis will be placed on analysis of multi-paragraph passages.

Note: Pass/no pass only

ENGL 84 - Developmental Reading and Writing

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 18 **Outside Hours:** 54
Grading Method: Pass/no pass only **Credit Status:** Credit, degree applicable
Transfer: CSU
Conditions of Enrollment: **Prerequisite:** credit in English 82 or assessment and placement by multiple measures

This course is designed to prepare students to read college-level reading materials. Special emphasis will be placed on moving the students from a literal level of comprehension to a critical analysis of texts. Students will write short analytical responses and integrate a variety of reading strategies as they create meaning from texts.

Note: Pass/no pass only

Note: Students who receive credit for both English 84 and English A can count only one course for degree credit

ENGL AR - Accelerated Reading: Skills to Analysis

Units: 5 **Lecture Hours:** 72 **Activity Hours:** 36 **Outside Hours:** 162
Grading Method: Pass/no pass only **Credit Status:** Credit, degree applicable
Transfer: Not Transferable
Conditions of Enrollment: **Prerequisite:** credit in English 80 or assessment and placement by multiple measures

This course is designed to prepare students to read college-level reading materials. Special emphasis will be placed on moving the students from a literal level of comprehension to a critical analysis of texts. Students will learn to integrate specific reading strategies and practice summarizing and responding to texts.

Note: This course is the equivalent of English 82 and English 84. Students who receive credit for both English AR and English AW can count one course for degree credit.

Note: Pass/No Pass only.

ENGL AW - Accelerated Writing: Paragraph to Essay**Units:** 5 **Lecture Hours:** 72 **Activity Hours:** 36 **Outside Hours:** 162**Grading Method:** Pass/no pass only **Credit Status:** Credit, degree applicable**Transfer:** Not Transferable**Conditions of Enrollment: Prerequisite:** credit in English C or assessment and placement by multiple measures

This course is designed to prepare students for college-level writing by developing and strengthening basic writing skills. Students will read and analyze a variety of texts and will practice writing coherent, well-developed expository essays. Students will revise and edit their writing using peer review and weekly one-on-one tutorials. Students will review grammar and sentence skills and be introduced to research techniques.

Note: This course is the equivalent of English B and English A. Students who receive credit for both English AW and English AR can count one course for degree credit.

Note: Pass/No Pass only.

ENGL RWA - Integrated Reading and Writing**Units:** 5 **Lecture Hours:** 72 **Activity Hours:** 36 **Outside Hours:** 162**Grading Method:** Pass/no pass only **Credit Status:** Credit, degree applicable**Transfer:** Not Transferable**Conditions of Enrollment: Prerequisite:** credit in English 82 and B or assessment and placement by multiple measures

This course prepares students for transfer-level reading and writing tasks. The course integrates the reading and writing processes and includes weekly one-on-one focused tutorial support. Students practice analyzing and evaluating primarily non-fiction texts as the basis for composing well-developed expository essays. Students develop skills in reading comprehension, vocabulary, essay writing, sentence structure, research techniques, and source documentation.

Note: Pass/no pass only.

ENGL C - Basic English Skills**Units:** 3 **Lecture Hours:** 36 **Activity Hours:** 36 **Outside Hours:** 90**Grading Method:** Pass/no pass only **Credit Status:** Credit, not degree applicable**Transfer:** Not Transferable**Conditions of Enrollment: Recommended Preparation:** assessment and placement by multiple measures

This course introduces students to the basic principles of grammar and sentence structure. Students develop clear, concise sentences and write short paragraphs based on brief reading assignments, observations, and experience.

Note: Pass/no pass only.

ENGL B - Introduction to College Writing**Units:** 3 **Lecture Hours:** 36 **Activity Hours:** 36 **Outside Hours:** 90**Grading Method:** Pass/no pass only **Credit Status:** Credit, not degree applicable**Transfer:** Not Transferable**Conditions of Enrollment: Recommended Preparation:** assessment and placement by multiple measures

This course introduces students to the processes of creating, developing, and revising paragraphs and a short essay based on personal experiences, observations, and reactions to short reading selections. Students learn basic rules of grammar, mechanics, and usage. Students practice a variety of sentence types and paragraph structures. Students revise their writing with the assistance of weekly one-on-one tutorials.

Note: Pass/no pass only.

ENGL A - Writing the College Essay

Units: 3 **Lecture Hours:** 36 **Activity Hours:** 36 **Outside Hours:** 90

Grading Method: Pass/no pass only **Credit Status:** Credit, degree applicable

Transfer: Not Transferable

Conditions of Enrollment: Prerequisite: credit in English B or assessment and placement by multiple measures

This course is designed to strengthen college-level writing skills. Students will read and analyze articles and essays and will practice writing coherent, well-developed expository essays. Students will revise their writing using peer review and weekly one-on-one tutorials. Students will review functional grammar and sentence skills and be introduced to techniques of research and documentation.

Note: Pass/no pass only

Note: Students who receive credit for both English A and English 84 can count only one course for degree credit.

ENGL 100 - Supervised Tutoring: Writing Center Laboratory

Units: 0 **Lecture Hours:** 0 **Lab Hours:** 216 to be arranged

Grading Method: **Credit Status:** Non-credit

Transfer: Not Transferable

Conditions of Enrollment: Enrollment Limitation: referral by instructor or counselor based on assessed academic need.

This course provides students with supervised tutorial instruction on writing text with clarity and reading text with literal and critical understanding; this may include prewriting and prereading techniques, organization of text, development of arguments, relationships between parts of text, integration of writing and reading for research, and revision/editing for clarity and correctness.

Note: This course is repeatable and open for enrollment at registration and at any time during the semester.

ENGL 101 - Reading and Composition

Units: 4 **Lecture Hours:** 72 **Lab Hours:** 0 **Outside Hours:** 144

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC*

Conditions of Enrollment: Prerequisite: credit in English A and 84; or English as a Second Language 52B and 53C with a minimum grade of C or assessment and placement by multiple measures.

This course is designed to strengthen the students' ability to read with understanding and discernment, to discuss assigned readings intelligently, and to write clearly. Emphasis will be placed on the ability to write an essay in which each paragraph relates to a controlling idea, has an introduction and conclusion, and contains primary and secondary support. College-level reading material will be assigned to provide the stimulus for class discussion and writing assignments, including a required research paper.

**Note: The maximum UC credit allowed for students completing English101, Reading and Composition, is one course.*

ENGL 101H - Honors Reading and Composition**Units:** 4 **Lecture Hours:** 72 **Lab Hours:** 0 **Outside Hours:** 144**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** credit in English A and 84; or English as a Second Language 52B and 53C with a minimum grade of C or assessment and placement by multiple measures.

This honors course, intended for students in the Honors Transfer Program, is designed to strengthen the students' ability to read with understanding and discernment, to discuss assigned readings intelligently, and to write clearly. Emphasis will be placed on the ability to write an essay in which each paragraph relates to a controlling idea, has an introduction and conclusion, and contains primary and secondary support. College-level reading material will be assigned to provide the stimulus for class discussion and writing assignments, including a required research paper. This course is enriched through extensive, rigorous reading, writing, and research assignments.

Note: Students may take either English101 or English 101H. Duplicate credit will not be awarded for English 101 and English 101H.

ENGL 101S - Reading and Composition Support**Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72**Grading Method:** Letter **grade or pass/no pass option** **Credit Status:** Credit, not degree applicable**Transfer:****Conditions of Enrollment: Prerequisite:** eligibility for English A and 84

This is a supplemental writing course taught in conjunction with English101. It is designed for students who would have traditionally placed into English A and English 84 but choose to enroll in English101. Students receive instruction in the basic elements of the college essay and receive additional support for topics covered in English101.

Note: Letter grade or pass/no pass option

ENGL 102 - Literature and Composition**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** English101 or 101H with a minimum grade of C.

This course is designed to stimulate an enjoyment of literature and to develop interpretive, critical, and analytical reading skills. Students will also receive extensive instruction on writing critically about short stories, full-length works (such as novellas, novels, plays, or biographies), and poems. The course will include critical analysis and research involving one or more literary genres.

ENGL 102H - Honors Literature and Composition**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** English 101 or 101H with a minimum grade of C.

This honors course, intended for students in the Honors Transfer Program, is designed to stimulate an enjoyment of literature and to develop interpretive, critical, and analytical reading skills. Students will also receive extensive instruction on writing critically about short stories, full-length works (such as novellas, novels, plays, or biographies), and poems. This course will include critical analysis and research involving one or more literary genres. This course is enriched through extensive, rigorous reading, writing, and research assignments. Notes: Students may take either English 102 or English 102H. Duplicate credit will not be awarded for English 102 and English 102H.

ENGL 103 - Critical Thinking and Composition**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** English 101 or 101H with a minimum grade of C.

This course focuses on the development of critical thinking skills. Students will apply these skills to the analysis of written arguments in various forms and genres, both classic and contemporary, and to the writing of effective persuasive essays. In class and while doing research of electronic and print media, students will learn to evaluate and interpret data, to recognize assumptions, to distinguish facts from opinions, to identify and avoid logical fallacies, to employ deductive and inductive reasoning, and to effectively assert and support argumentative claims.

ENGL 103H - Honors Critical Thinking and Composition**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:****Conditions of Enrollment: Prerequisite:** English 101 or 101H with a minimum grade of C.

This honors course, intended for students in the Honors Transfer Program, focuses on the development of critical thinking skills. Students will apply these skills to the analysis of written arguments in various forms and genres, both classic and contemporary, and to the writing of effective persuasive essays. In class and while doing research of electronic and print media, students will learn to evaluate and interpret data, to recognize assumptions, to distinguish facts from opinions, to identify and avoid logical fallacies, to employ deductive and inductive reasoning, and to effectively assert and support argumentative claims. This course is enriched through extensive, rigorous reading, writing, and research assignments.

Note: Students may take either English 103 or English 103H. Duplicate credit will not be awarded for English 103 and English 103H.

ENGL 120 - Introduction to Fiction**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** eligibility for English 101

This course focuses on reading and interpreting the short story and the novel, and analyzing the evolution, scope, and form of each genre. Students study the elements, themes, and styles of short stories and novels, as well as the contributions of individual authors to each genre.

ENGL 123 - Creative Writing: Introduction to Poetry**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** English 101

This course is an introduction to the creative process of writing poetry. Students will write their own poems, both traditional and contemporary, using common poetic elements, conventions, and techniques. This course also develops students' peer editing skills, introducing them to the workshop model and revision process.

ENGL 127 - Creative Writing: Introduction to the Craft of Fiction**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** English 101

This course is an introductory level creative writing course focusing on writing the short story. In addition to outlining and composing well-crafted stories, students will study the techniques of plot, characterization, point of view, conflict, and setting. Students will also learn about peer editing and the workshop model for revising stories.

Note: Letter grade or pass/no pass option.

ENGL 128 - Creative Writing: A Workshop in Fiction and Nonfiction**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** English 127 with a minimum grade of C

This course develops intermediate skills in the craft of fiction and nonfiction writing through instruction and workshop. Students discuss and apply complex strategies for establishing character, setting, conflict, dialogue, and the advancement of theme. In addition, students practice literary nonfiction storytelling techniques such as creating narrative tension through atmosphere, symbolism, and voice. Students then assess and critique their own and other students' original stories and personal narratives, furthering the development of their critical sense in writing and revising their own literary works.

ENGL 150 - Survey of British Literature I**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** English 101 or 101H with a minimum grade of C

This course is a survey of British literature from the Anglo-Saxon period through the 18th century. Particular attention will be given to tracing the growth of English, Irish, Scottish, and Welsh culture and identity in relation to the literature. The selections may include "Beowulf," "The Taming of the Shrew," and "Everyman," as well as readings from Chaucer, Julian of Norwich, Kempe, Spenser, Lanyer, Shakespeare, Cary, Donne, Milton, Cavendish, Dryden, Behn, Pope, Swift, Johnson, and Sheridan.

ENGL 152 - Survey of British Literature II**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** English 101 or 101H with a minimum grade of C

This course is a survey of British literature by English, Irish, Scottish, and Welsh writers that begins with the Romantic Age and continues to the present. The course includes selections from major Romantic, Victorian, Modern, and Postmodern authors, which may include Equiano, Burns, Blake, the Wordsworths, Coleridge, Byron, the Shelleys, Keats, Tennyson, the Brownings, the Brontës, Arnold, Hardy, Yeats, Conrad, Joyce, Eliot, Woolf, Lawrence, Beckett, Heaney, Pinter, and others.

ENGL 200 - Shakespeare's Plays - Tragedies and Romances**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* eligibility for English 101

This course introduces students to Shakespeare's tragedies and romances. The major goals of the course are to help students understand the works, analyze the language, and read and evaluate critical analyses. Students will become familiar with the Elizabethan era and learn to appreciate the universality of Shakespeare's art.

ENGL 227 - Children's Literature**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* eligibility for English 101

This course surveys the historical and cultural development of children's literature and includes critical approaches and the examination of shared themes that cross cultural and geographical boundaries. Students read both classic and contemporary works spanning cultures and time periods and reflect on the significance of a genre written specifically for children.

ENGL 228 - Images of Women in Literature**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* eligibility for English 101

This course examines images of women in a variety of literary forms, including poetry, short stories, novels, plays, folklore, fairy tales, and nonfiction prose. Students become familiar with female archetypes, women's roles, and women's themes as presented by both male and female writers, examining traditional and revisionist approaches.

ENGL 235 - Creative Writing: Screenwriting**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Prerequisite:* eligibility for English 101

In this course students learn the skills necessary to create original feature film screenplays. Themes, character, plot, and dialogue are discussed and developed by means of writing exercises. Script format and story structure are analyzed by reading feature film scripts and discussing produced film stories.

Note: Letter grade or pass/no pass option

ENGL 238 - Survey of Film: 1950 to the Present**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course focuses on screening, analyzing and writing about film as a narrative reflective of its time and culture. Students study representative film masterpieces from 1950 to the present by viewing films or portions of films. An emphasis is placed on ideas and values portrayed in the films with regards to how they reflect the concerns of particular nationalities and time periods. Students also analyze the growth and transformation of various artistic techniques used by the filmmakers, as well as trends in major transnational filmmaking and media conglomeration.

ENGL 239 - Literature and Film**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** eligibility for English 101

In this course, students compare original literary works and genres with their film adaptations. Students view films based on novels and short stories and assess how cinematic and literary techniques are employed to convey meaning.

ENGL 240 - American Literature I**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** eligibility for English 101

This course surveys American literature from its beginnings through the Civil War. Coverage, which recognizes the contribution of women and of ethnic and other minorities to the national literature, includes the narratives of native peoples, the literature of discovery and exploration, the literature of European settlement, the literature of Pre-Revolutionary America, the literature of an emerging nation, and the literature of pre-Civil War America.

ENGL 241 - American Literature II**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** eligibility for English 101

This course surveys American literature from the post-Civil War period to the present, including the literature of an expanding nation, the literature of modernism, the literature of post-World War II America, and contemporary American literature. The course recognizes the contribution of women and minority writers to the national literature.

ENGL 242 - Chicano and Latino Literature**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* eligibility for English 101

This course will focus on the analysis and interpretation of Chicano and Latino essays, novels, short stories, dramas, and poems written in English translation. Students will explore a wide survey of classic and contemporary Chicano and Latino texts that reflect social and cultural influences, as well as examine the process of assimilation and self-identity of the Chicano and Latino as thematically represented in literature.

ENGL 243 - African American Literature**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* eligibility for English 101

This course provides a chronological and thematic survey of African American literature. Students will read and discuss representative works by African American writers. Emphasis will be on classic and contemporary literature.

ENGL 244 - The Literature of American Ethnic Groups**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* eligibility for English 101

This course provides a broad survey of American ethnic literatures. Students will explore and analyze representative texts by Native Americans, African Americans, Chicano and Latino Americans, Jewish Americans, Asian and Pacific Islander Americans, and Arab Americans. Emphasis will be on contemporary literature.

ENGL 248 - Modern Literature of Latin America**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* eligibility for English 101

This course is a survey of modern literature from Latin American countries. Students explore themes common to selected major writers and identify cultural, political, and stylistic patterns in their works.

ENGL 99 - Independent Study**Units:** 1 - 3 **min Lecture Hours:** 54 **max Lecture Hours:** 162**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None**Enrollment Limitation:** Two courses in English with a minimum grade of B in each and acknowledgment by the instructor with whom the student will work.

This course provides special advanced studies in a subject field of English not covered in the regular departmental offerings. Regular conferences with the instructor are coordinated with assigned English projects (54 hours per unit).

Note: Transfer limitations apply.

ENGLISH AS A SECOND LANGUAGE

ESL 02A - Grammar and Conversation Level I

Units: 0 **Lecture Hours:** 90 **Lab Hours:** 0

Grading Method: Noncredit **Credit Status:** Noncredit

Transfer: Not Transferable

Conditions of Enrollment: Recommended Preparation: concurrent enrollment in English as a Second Language 03A

This Level I grammar and conversation course provides English practice through listening, speaking, reading and writing activities. Emphasis is on the verb “to be” in the present and past tenses and the simple present tense of action verbs. Other topics covered are nouns, adjectives and prepositions.

ESL 02B - Grammar and Conversation Level II

Units: 0 **Lecture Hours:** 90 **Lab Hours:** 0

Grading Method: Noncredit **Credit Status:** Noncredit

Transfer: Not Transferable

Conditions of Enrollment: Recommended Preparation: qualification by assessment or completion of English as a Second Language 02A and concurrent enrollment in English as a Second Language 03B

This Level II conversation and grammar course provides practice in English through listening, speaking, reading, and writing activities. Emphasis is on prepositions of time, possessive nouns and adjectives, present progressive and simple past tense, helping verbs, imperatives, and punctuation rules.

ESL 02C - Conversation and Grammar Level III

Units: 0 **Lecture Hours:** 90 **Lab Hours:** 0

Grading Method: Noncredit **Credit Status:** Noncredit

Transfer: Not Transferable

Conditions of Enrollment: Recommended Preparation: qualification by assessment or completion of English as a Second Language 02A and 02B and concurrent enrollment in English as a Second Language 03C

This Level III conversation and grammar course provides extensive focused practice on English grammar forms and structures through listening, speaking, reading, and writing activities. Emphasis is on past, present, and future verb tenses, and gerunds and infinitives.

ESL 02D - Conversation and Grammar Level IV

Units: 0 **Lecture Hours:** 90 **Lab Hours:** 0

Grading Method: Noncredit **Credit Status:** Noncredit

Transfer: Not Transferable

Conditions of Enrollment: Recommended Preparation: qualification by assessment or completion of English as a Second Language 02C and concurrent enrollment in English as a Second Language 03D

This Level IV conversation and grammar course provides focused practice on English grammar forms and structures through listening, speaking, reading, and writing activities. Emphasis is on count and non-count nouns, including quantifiers; modals expressing advice, requests, desires, offers, and necessity; and the comparison forms of adjectives and adverbs.

ESL 03A - Reading and Writing Level I

Units: 0 **Lecture Hours:** 90 **Lab Hours:** 0

Grading Method: Noncredit **Credit Status:** Noncredit

Transfer: Not Transferable

Conditions of Enrollment: Recommended Preparation: concurrent enrollment in English as a Second Language 02A

This beginning Level I reading and writing course is designed to develop basic reading skills, expand vocabulary, and develop basic writing skills. Students will move from sentence-level writing to short descriptive and chronologically-ordered paragraphs.

ESL 03B - Reading and Writing Level II

Units: 0 **Lecture Hours:** 90 **Lab Hours:** 0

Grading Method: Noncredit **Credit Status:** Noncredit

Transfer: Not Transferable

Conditions of Enrollment: Recommended Preparation: qualification by assessment or completion of English as a Second Language 03A and concurrent enrollment in English as a Second Language 02B

This Level II reading and writing course is designed to improve reading comprehension, increase vocabulary, and improve critical thinking and writing skills. Students will write descriptive, biographical, narrative, and subjective paragraphs.

ESL 03C - Reading and Writing Level III

Units: 0 **Lecture Hours:** 0 **Lab Hours:** 0

Grading Method: Noncredit **Credit Status:** Noncredit

Transfer: Not Transferable

Conditions of Enrollment: Recommended Preparation: qualification by assessment or completion of English as a Second Language 03B and concurrent enrollment in English as a Second Language 02C

This intermediate reading and writing course is designed to improve reading comprehension, increase vocabulary, and improve critical thinking and writing skills. Students will write paragraphs using chronological order, emphatic order, and spatial order.

ESL 03D - Reading and Writing Level IV

Units: 0 **Lecture Hours:** 90 **Lab Hours:** 0

Grading Method: Noncredit **Credit Status:** Noncredit

Transfer: Not Transferable

Conditions of Enrollment: Recommended Preparation: qualification by assessment or completion of English as a Second Language 03C and concurrent enrollment in English as a Second Language 02D

This advanced reading and writing course is designed to provide students with strategies to improve reading comprehension and writing skills. Reading practice activities will be presented to increase vocabulary, to use context for determining meaning of texts, and to develop critical thinking skills. In writing, students will study a variety of grammatical structures and transitional expressions to help generate simple expository paragraphs.

ESL 04A - ESL for Healthcare I

Units: 0 **Lecture Hours:** 90 **Lab Hours:** 0

Grading Method: Noncredit **Credit Status:** Noncredit

Transfer: Not Transferable

Conditions of Enrollment: Recommended Preparation: English as a Second Language 03D

Designed for intermediate ESL learners, this course helps prepare students for careers in healthcare. Students gain a general knowledge of healthcare settings, careers, and terminology including the major body systems and their basic functions.

ESL 04B - ESL for Healthcare II

Units: 0 **Lecture Hours:** 90 **Lab Hours:** 0
Grading Method: Noncredit **Credit Status:** Noncredit
Transfer: Not Transferable

Conditions of Enrollment: Recommended Preparation: English as a Second Language 04A

This second course in a two-course sequence develops the listening, speaking, reading, and writing skills of intermediate ESL students seeking a career in the healthcare field. Emphasis is on terminology and communication skills for interacting with patients and professionals in the medical field. Topics include communication, safety, medical emergencies, first aid, and pharmacology.

ESL 05A - ESL for Childhood Educators I

Units: 0 **Lecture Hours:** 90 **Lab Hours:** 0
Grading Method: Noncredit **Credit Status:** Noncredit
Transfer: Not Transferable

Conditions of Enrollment: Recommended Preparation: English as a Second Language 03D

This first course in a two-course sequence prepares intermediate-level ESL students for a career in childcare, with special emphasis on vocabulary and entry-level skill acquisition as well as familiarity with common phrases for interacting with English speaking children, staff, and parents. Topics include basic childcare vocabulary, communicating about children, preventing incidents, reporting incidents, and treating illnesses and minor injuries. This course prepares students for the Childhood Education credit program.

ESL 05B - ESL for Childhood Educators II

Units: 0 **Lecture Hours:** 90 **Lab Hours:** 0
Grading Method: Noncredit **Credit Status:** Noncredit
Transfer: Not Transferable

Conditions of Enrollment: Recommended Preparation: English as a Second Language 05A

This is the second course in a two-course sequence that prepares intermediate-level ESL students for a career in childcare, with special emphasis on vocabulary and entry level skill acquisition as well as familiarity with common phrases for interacting with English speaking children, staff, and parents. Topics include infant development, toddler development, preschooler development, and school-age child development. This course prepares students for the Childhood Education credit program.

ESL 6 - ESL Support for Career and Technical Programs

Units: 0 **Lecture Hours:** 54 **Lab Hours:** 0
Grading Method: Noncredit **Credit Status:** Noncredit
Transfer: Not Transferable

Conditions of Enrollment: Recommended Preparation: English as a Second Language 03D

This course, designed for students whose primary language is not English, is intended for students currently enrolled in an entry-level vocational class. Students will receive instruction in writing, reading, speaking, vocabulary building and test taking skills designed to help them succeed in the content area course. Subsequent enrollment in an additional semester will provide the student with an opportunity for continued skills and competency development within the level and subject matter.

ESL 8 - ESL for Medical Terminology

Units: 0 **Lecture Hours:** 54 **Lab Hours:** 0
Grading Method: Noncredit **Credit Status:** Noncredit
Transfer: Not Transferable

Conditions of Enrollment: Recommended Preparation: English as a Second Language 03D

In this high-intermediate ESL course students study key medical terms in anatomy and physiology and vocabulary for diseases, symptoms, procedures, common medical tests, and abbreviations. Emphasis is placed on word parts (prefixes, roots, and suffixes), pronunciation, and spelling. Students practice listening to and reading medical terms as well as utilizing them in writing and in speech. This course provides ESL support for students who plan to take or who concurrently take Medical Terminology I.

ESL 51A - Introduction to English in Conversation

Units: 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 162
Grading Method: Letter **Credit Status:** Credit, not degree applicable
Transfer: Not Transferable

Conditions of Enrollment: Recommended Preparation: qualification by assessment

This introductory course is designed to increase a student's English-speaking and comprehension skills in a supportive atmosphere. The course includes cross-cultural communication topics, role play and other small group activities, introduction to common American idioms and expressions, pronunciation exercises designed to improve intelligibility, and listening comprehension practice.

ESL 51B - Intermediate Listening, Speaking and Pronunciation

Units: 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 162
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: Not Transferable

Conditions of Enrollment: *Prerequisite:* English as a Second Language 51A with a minimum grade of C or qualification by assessment

Students in this course gain greater confidence and skill in listening to and speaking English by participating in activities such as listening to mini-lectures and taking notes; presenting impromptu speeches, prepared speeches, and oral reports; conducting surveys and interviews; role playing; and discussing and debating controversial topics. Students improve their pronunciation, intonation and stress, listening comprehension, and knowledge of American culture.

ESL 51C - Advanced Listening, Speaking, and Pronunciation

Units: 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 162
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: Not Transferable

Conditions of Enrollment: *Prerequisite:* English as a Second Language 51B with a minimum grade of C or qualification by assessment

This course provides instruction in listening and speaking, emphasizing oral communication, pronunciation, and idiomatic expressions in a multi-cultural academic setting. Students practice listening to and taking notes on lectures from across the curriculum such as history, business, and science, and other listening material. Students present research-based speeches and participate in group discussions and panel presentations.

ESL 52A - Introduction to Reading and Vocabulary Building**Units:** 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 162**Grading Method:** Letter **Credit Status:** Credit, not degree applicable**Transfer:** Not Transferable**Conditions of Enrollment: Recommended Preparation:** qualification by assessment

This is an introductory course designed to transfer literacy in the first language to English by building basic reading skills and expanding vocabulary. Through the use of reading texts, reading kits, main idea exercises, and skimming and scanning activities, the foundation skills are developed through regular application. The aim of the course is to identify and reinforce good reading habits and to free students from over-dependence on dictionaries, with a focus on context as the key to meaning.

ESL 52B - Intermediate Reading and Vocabulary Building**Units:** 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 162**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** Not Transferable**Conditions of Enrollment: Prerequisite:** English as a Second Language 52A with a minimum grade of C or qualification by assessment

This is an intermediate level course designed to teach appropriate reading skills, such as the ability to make inferences, draw conclusions, understand the meaning of vocabulary words in context through word analysis and contextual clues, and determine the main idea from a passage. Students read from a variety of sources, including newspapers, essays, short stories, and novels. Students also increase their academic vocabulary through vocabulary building activities.

ESL 52C - Advanced Reading**Units:** 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 162**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** Not Transferable**Conditions of Enrollment: Prerequisite:** English as a Second Language 52B with a minimum grade of C or qualification by assessment

This advanced-level reading course teaches interpretive, critical, and analytical reading skills for closer reading and better understanding of fiction and nonfiction works. It includes an in-depth study of a novel, and the terminology necessary to discuss and write critically about works of various genres. Students also increase their vocabulary through vocabulary building activities.

ESL 53A - Elementary Writing and Grammar**Units:** 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 162**Grading Method:** Letter **Credit Status:** Credit, not degree applicable**Transfer:** Not Transferable**Conditions of Enrollment: Recommended Preparation:** qualification by assessment

This beginning level academic composition course offers students an intensive writing experience. Students will write well-organized and coherent paragraphs, transitioning to multi-paragraph essays. Students will identify and address grammar problems in their writing.

ESL 53B - Intermediate Writing and Grammar

Units: 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 162

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* English as a Second Language 53A with a minimum grade of C or qualification by assessment

This course offers students intensive experience in preparing to write college-level essays. Students will learn to write well-organized, coherent expository essays, including critical reactions to reading. They will review basic rhetorical modes such as summary, narration, description and process, and will be introduced to the rhetorical modes of comparison-contrast and argumentation. Simple, progressive and present perfect verbs, and other basic grammar rules will be reviewed, and passive voice, conditionals, past perfect, perfect modals, and other intermediate grammar topics will be introduced.

ESL 53C - Advanced Essay Writing and Grammar

Units: 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 162

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* English as a Second Language 53B with a minimum grade of C or qualification by assessment

This course strengthens college-level writing skills in preparation for English101 for students learning English as a second language. Students read articles, essays, poetry, and works of fiction or non-fiction. They write well-developed essays in response to their reading. Students review basic grammar and develop advanced grammar and sentence skills. Students are introduced to and use Modern Language Association (MLA) style and research skills to write a short research-based essay.

ETHNIC STUDIES

ESTU 101 - Introduction to Ethnic Studies

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* eligibility of English 101

This course provides a multidisciplinary introduction and analysis of ethnic groups in the United States. Various theories and perspectives will be examined to better comprehend the effects of institutional racism, marginalization, socio-economic and political discrimination, and ethnocentrism on American ethnic and racial groups.

ESTU 103 - The Chicano in Contemporary United States Society

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Recommended Preparation:* eligibility of English 101

This course introduces the student to the complexity and diversity of contemporary Chicano society in the United States. The impact of American values on the socialization of Mexican Americans will be assessed with particular emphasis on political, economic, social, cultural and educational institutions.

ESTU 105 - Chicano Culture

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU

Conditions of Enrollment: Recommended Preparation: eligibility of English 101

This course is an interdisciplinary study of Chicano culture in the United States. Emphasis is placed on the historical roots and development of the cultural contributions of Chicanos to American society in the arts, literature, language, music and other expressions of contemporary popular culture. Analysis of the central components of Chicano cultural values, norms and customs will also be assessed.

FILM/VIDEO**FILM 110 - Film Appreciation**

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC

Conditions of Enrollment: Recommended Preparation: eligibility for English 101

In this course, students will investigate the origins and aesthetics of cinema including the classic Hollywood narrative film and its alternatives. By analyzing representative films as unique cultural products, students will be introduced to various methods of interpreting and evaluating motion pictures within their socio-political context.

FILM 113 - Screenplay Analysis

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC

Conditions of Enrollment: Recommended Preparation: eligibility for English 101

In this introductory course, students will analyze the underlying story structure of motion pictures, short films, and television programs. Through screenings, lectures, and writing exercises, students will study the basic components of an effective, unified script that connects with its intended audience. Special attention will be paid to the classical Hollywood model of storytelling for developing scripts for both fiction and non-fiction productions.

FILM 121 - Audio Production

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU

Conditions of Enrollment: None

This course is an introduction to production and postproduction sound for various mediums, including motion pictures, television, and new media. Basic techniques common to these mediums will be covered, including analog and digital recording, audio editing, sound design and mixing.

FILM 122 - Production I

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC

Conditions of Enrollment: None

This course explores basic concepts and techniques of professional film/video production. Students will create films and videos using professional single-camera production methods.

FILM 124 - Production Planning**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Recommended Preparation:* eligibility for English 101

This course provides students with the skills needed for effectively planning production projects for various entertainment and corporate industries. Financing, script development, budgeting, scheduling, and marketing will be covered.

FILM 128 - Television Production**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course is a study of the production principles and procedures common to television and new media productions from conceptualization to completed project. The emphasis is on scripting, planning, directing, editing, and other skills unique to audio-visual media. Budgeting, cost analysis, legal issues, research, and other production situations will also be examined.

FILM 232 - Production II**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* Film/Video 122 or 128 with a minimum grade of C or equivalent

This course provides the intermediate-level production student with practical, hands-on experience in film/video production, including planning, writing, shooting, and editing. Students will write and produce a variety of individual and group film/video projects.

FILM 234 - Camera and Lighting**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72**Grading Method:** Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Prerequisite:* Film/Video 122 with a minimum grade of C

This is an intermediate-level course in traditional and electronic cinematography that explores lighting design, composition, visual interpretation and camera operation.

Note: Letter grade or pass/no pass option.

FILM 236 - Editing**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72**Grading Method:** Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This is an intermediate-level course that teaches picture and sound editing skills. Advanced editing concepts such as pace, rhythm, and tempo will be explored through screenings, lectures, and studentmade projects. Special attention will be paid to the role of digital technologies in film/video post production.

Note: Letter grade or pass/no pass option

FILM 95 - Cooperative Work Experience Education

Units: 2-4

Lecture Hours: 0

Lab Hours: hours to be arranged

Grading Method: Letter

Credit Status: Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

Enrollment Limitation: Employment or volunteer work in a position related to the student's major or career goal by the second week of the semester. Completion of or current enrollment in one course from the major.

Through a set of learning objectives established by the student, supervisor, and instructor, each student will work with and learn from experts in the Film/Video field. These experiences will enable students to improve job skills, analyze career opportunities and requirements, and compare them to personal abilities and career expectations.

Note: Transfer limitations apply

Note: The total units earned for Cooperative Work Experience Education may not exceed 16 units.

FIRE AND EMERGENCY TECHNOLOGY

FTEC 101 - Fire Protection Organization

Units: 3

Lecture Hours: 54

Lab Hours: 0

Outside Hours: 108

Grading Method: Letter

Credit Status: Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Recommended Preparation:* English A

This course provides an introduction to fire protection. Emphasis is placed on career opportunities in fire protection and related fields, and the philosophy and history of fire protection. Additional topics include: fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; and introduction to fire strategy and tactics.

FTEC 102 - Fire Prevention Technology

Units: 3

Lecture Hours: 54

Lab Hours: 0

Outside Hours: 108

Grading Method: Letter

Credit Status: Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Recommended Preparation:* Fire and Emergency Technology 101 and English A

This course provides fundamental information regarding the history and philosophy of fire prevention; organization and operation of a fire prevention bureau; use of fire codes; identification and correction of fire hazards and the relationship of fire prevention with fire safety education and detection and suppression systems.

FTEC 103 - Fundamentals of Personal Fire Safety and Survival

Units: 3

Lecture Hours: 54

Lab Hours: 0

Outside Hours: 108

Grading Method: Letter

Credit Status: Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Recommended Preparation:* Fire and Emergency Technology 101 and English A

This course introduces the basic principles and history related to the national firefighter life safety initiatives. Emphasis will be placed on the need for cultural and behavior change throughout emergency services. Focus is placed on assessing fire dangers and handling common fire situations.

FTEC 105 - Fire Behavior and Combustion

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Fire and Emergency Technology 101 and English 101

This course examines the theory and fundamentals of how and why fires start, spread, and are controlled, as well as an in-depth study of fire chemistry and physics, fire characteristics of materials, extinguishing agents and fire control techniques.

FTEC 106 - Building Construction for Fire Protection

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Fire and Emergency Technology 101 and English 101

This course is the study of the components of building construction that relate to fire safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, pre-planning fire operations, and operating at fires. The development and evolution of building and fire codes will be studied in relationship to past fires in residential, commercial, and industrial occupancies.

FTEC 109 - Fire Apparatus and Equipment

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Fire and Emergency Technology 101 and English A

This course is a study of fire apparatus design and use, including mobile and fixed apparatus. It includes a review of construction specifications and performance capabilities, as well as effective deployment, utilization and performance of equipment under emergency conditions.

FTEC 110 - Hazardous Materials

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Fire and Emergency Technology 101 or 115 and English 101

This course is a study of firefighting practices related to hazardous chemicals and their physical properties, uses in industry, and characteristics when involved in spills, fires, and accidents. It includes basic information regarding health effects and treatment, as well as fire department protocols and responsibilities.

FTEC 111 - Arson Detection and Control

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Fire and Emergency Technology 101 and English A

This course is a study of prevention, detection, and control of arson fires. It includes arson motives, fire investigation, and lawful search, identification, collection, seizure and preservation of evidence.

FTEC 115 - Fire Academy**Units:** 15 **Lecture Hours:** 162 **Lab Hours:** 333 **Outside Hours:** 324**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:**

1. Fire and Emergency Technology 101 with a minimum grade of C or equivalent
2. Fire and Emergency Technology 106 with a minimum grade of C or equivalent
3. Possession of a National Registry Card or possession of a valid Emergency Medical Technician (EMT)\ license as required by the California State Fire Marshal's Office
4. Pass a Fire Fighter Physical Agility Test (FPAT) or Candidate Physical Agility Test (CPAT) within the last 6 months as required by the California State Fire Marshal's Office
5. Pass a physical examination according to the National Fire Protection Association (NFPA) Standard #1582
6. Pass the Compton College Fire Physical Qualification Test
7. Possess a valid California driver's license.

This course is designed for the student who wishes to prepare for entry-level positions as a firefighter and work toward becoming certified as a Fire Fighter 1, as specified by the California State Fire Marshal's office. Students participate in a 495-hour course of instruction emphasizing basic firefighting skills, such as methods of extinguishing fires, principles of ventilation, techniques of physical rescue, building construction, fire apparatus, fire equipment maintenance, and the knowledge of fire behavior.

Note: Students must apply through the Arts, Social Science & Career Technical Division Office – VT150.

FTEC 120 - Fire Protection Equipment and Systems**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course addresses the design features and operation of fire detection and alarm systems, heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection and portable fire extinguishers.

FTEC 144 - Emergency Medical Technician**Units:** 6 **Lecture Hours:** 90 **Lab Hours:** 54 **Outside Hours:** 180**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU

Conditions of Enrollment: Prerequisite: Possession of a current Basic Life Support (BLS) for Healthcare Providers (HCP) certification or BLS for Prehospital Providers (PHP) certification. Must be issued by the American Heart Association or American Red Cross and not expired less than six months from the start date of class.

In this course, students will study through lecture, role-play, simulations, field work, and hands-on practical training, the basic skills necessary for the assessment, rescue, immediate treatment and transport of the urgently ill or injured person. Course content emphasizes emergency scene size-up, situational awareness, identifying and correcting life-threatening conditions, utilizing appropriate rescue techniques, and developing a systematic approach for providing pre-hospital care and safe transportation.

Note: Proof of Basic Life Support (BLS) certification will be checked the first day of class for admission. Students successfully completing this course with an average grade of B or above will be eligible to take the National Registry of Emergency Medical Technicians (NREMT) written exam within two years.

Note: Students pay fees for this course for a background check. Proof of immunizations is required to complete hospital and ambulance field work and include: MMR, Tdap, Varicella, and Hepatitis B. Must provide TB results (two PPD skin tests 1-3 weeks apart).

Note: This course is repeatable

GEOGRAPHY

GEOG 101 - Physical Geography

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Recommended Preparation: English 84

This course describes and explains the physical elements of geography. The topics include maps, earth-sun relationships, elements of weather and climate, vegetation patterns, soil types, plate tectonics, volcanism, tectonic activity and related landforms, weathering and mass wasting, and the landforms created by running water, glaciers, waves and wind.

GEOG 102 - Cultural Geography

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Recommended Preparation: eligibility for English 101

This course surveys the geographic distribution and interrelationships of cultural elements such as population, agriculture, industry, cities, religion, language, customs, and territorial organization.

GEOG 105 - World Regional Geography

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Recommended Preparation: eligibility for English 101

This course surveys the major countries and regions of the world, examining their environments, people, cities, resources, history, economies, and special problems.

GEOG 105H - Honors World Regional Geography

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: eligibility for English 101 or English 101H

This honors course, intended for students in the Honors Transfer Program, surveys the major countries and regions of the world, studying their environments, people, cities, resources, history, economies, and special assets and problems. This course is enriched through extensive research and writing assignments.

Note: Students may take either Geography 105 or Geography 105H. Duplicate credit will not be awarded for Geography 105 and Geography 105H.

GEOG 106 - Physical Geography Laboratory

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Prerequisite: Geography 101 with a minimum grade of C in prerequisite or concurrent enrollment

This course consists of laboratory exercises using the geographic grid and world time, earth-sun relationships, atmospheric processes and weather maps, climate classification, natural vegetation, and interpretation of landforms shown on topographic maps and aerial photographs.

GEOG 107 - Geography of California**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is a systematic study of California's unique and diverse physical environments and associated landforms, climates, and ecological communities. The course presents an overview of human settlement patterns, economic activities, and cultural aspects, with an emphasis on physical environment-human occupancy relationships.

GEOG 109 - Weather and Climate**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** English 82

This course is a survey of the causes and regional distribution of the Earth's weather and climate. The content includes the atmosphere, cause of seasons, air temperature and wind, clouds and precipitation, and storms. Use of weather instruments and weather data interpretation are also covered.

GEOLOGY**GEOL 101 - Physical Geology****Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** English 84

This course provides an introduction to geology, including the scientific method and the history of geology. It examines the materials, structures, and processes that compose and shape the Earth. It includes a survey of minerals, rocks, and soils; a study of plate tectonics and the forces that create volcanoes, earthquakes, and mountains; and a study of surface features due to weathering and erosion, streams, mass wasting, ground water, glaciers, wind, desert processes, and ocean waves. The course examines concepts of geologic time, relative and absolute age dating, and fossils. The course also investigates renewable and non-renewable resources as well as mining provinces that produce metals important for industry and technology.

Note: 1 unit of laboratory science credit will be granted with concurrent or subsequent enrollment in a geology laboratory course.

GEOL 102 - History of Planet Earth**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** Geology 101 and eligibility for English 101

This course is a study of the history of the Earth since the time of its formation to the present day. It integrates plate tectonics into a detailed investigation of the dynamics of the Earth's geologic forces and their effect on the atmospheric, oceanic, and biologic realms. The effect of extraterrestrial events such as asteroid impacts that have shaped our habitable world are also covered.

GEOL 103 - Physical Geology Laboratory

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Geology 101 with a minimum grade of C in prerequisite or concurrent condition

This course is a laboratory study of geologic exercises and the use of topographic maps. Laboratory exercises will include identification of rocks and minerals, map exercises, structure problems, field studies and recognition of landforms created by various processes working on and in the earth.

GEOL 104 - History of Planet Earth Laboratory

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 0 **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Geology 102 with a minimum grade of C in prerequisite or concurrent condition

This course utilizes laboratory exercises and field study to apply geologic principles in identification of minerals, igneous, metamorphic, and sedimentary rocks and fossils and their use in interpreting earth history, age relationships, and paleogeography of selected regions.

GEOL 106 - Earth Science in Education

Units: 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Recommended Preparation:* eligibility for English 101

This course is a broad-based introductory study of earth science for future educators and will include teaching techniques to engage students in science. The topics covered are part of the California science standards and are designed to introduce geology, oceanography, meteorology, and solar system astronomy. It includes the study of earth materials, geologic history, ocean basins and coastlines, weather and climate, pollution and earth resources, planetary geology, and the scientific method. The laboratory component includes study of rocks, maps, scientific instruments, earthquakes, and local geologic features. Note: Geology 6 is not designed for geology or earth science majors.

GEOL 115 - Natural Disasters

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* English 82

This course presents a study of natural hazards such as earthquakes, volcanism, hurricanes, landslides and floods and how we can prepare for and possibly mitigate these phenomena in order to lessen their impact on society. In addition, this course will address global climate change and associated earth science processes, as well as the misuse and pollution of vital natural resources such as freshwater.

HISTORY

HIST 101 - United States History to 1877

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC*

Conditions of Enrollment: Recommended Preparation: eligibility for English 101

This course is a chronological survey of American history from the first Americans to 1877, focusing on American social, intellectual, political, economic, and diplomatic institutions. Major topics in the course include colonization, slavery, the American Revolution, Native Americans, the Civil War and Reconstruction.

Note: The maximum UC credit allowed for students completing History101 and102 and History110 and111 and/or History 105 and 106 is one series

HIST 101H - Honors United States History to 1877

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: eligibility for English 101

This honors course, intended for students in the Honors Transfer Program, is a chronological survey of American social, intellectual, political, economic, and diplomatic institutions. Major topics in the course include colonization, slavery, the American Revolution, Native Americans, the Civil War and Reconstruction. This course is enriched through extensive, rigorous reading, writing, and research assignments.

Note: Students may take either History 101 or History 101H. Duplicate credit will not be awarded.

HIST 102 - United States History from 1877 to the Present

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Recommended Preparation: eligibility for English 101

This course is a chronological survey of American history from 1877 to the present, focusing on American social, intellectual, political, economic, and diplomatic institutions. Major topics include culture, ethnic and racial diversity, and the role of the United States within the context of world history.

Note: History101 is not a prerequisite.

HIST 102H - Honors United States History from 1877 to the Present

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: eligibility for English 101

This honors course, intended for students in the Honors Transfer Program, is a chronological survey of American history from 1877 to the present, focusing on American social, intellectual, political, economic, and diplomatic institutions. Major topics include culture, ethnic and racial diversity, and the role of the United States with the context of world history. This course is enriched through extensive, rigorous reading, writing, and research assignments.

Note: Students may take either History 102 or History 102H. Duplicate credit will not be awarded.

HIST 105 - Women and American History from the Colonial Era to 1877**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is a chronological survey of the history of the United States to 1877 with special emphasis on the contributions of women to colonial society and the nation. The impact of social, political, economic and cultural forces on women's lives will also be examined.

HIST 106 - Women and American History from 1877 to the Present**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is a chronological survey of the history of the United States from 1877 to the present with special emphasis on the contributions of women to the evolving modern nation. The impact of social, political, economic and cultural forces on women's lives will also be examined.

HIST 108 - United States History: The American Indian Experience**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is a survey of the history of the United States with an emphasis on native peoples of North America. Topics include early American Indian societies, the impact of European contact, trade, and colonization as well as the impact of United States political, economic, and social policies on Native Americans. Emphasis is placed on the attempts of American Indians to protect their sovereignty and revitalize their societies.

HIST 110 - The African American in the United States to 1877**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is a survey of the history of the United States to 1877 with particular emphasis on the role of African Americans in shaping American society. The contributions of African Americans to the economic, political, social, and cultural development of the nation will be examined.

HIST 111 - The African American in the United States from 1877 to the Present**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is a survey of the history of the United States from 1877 to the present with particular emphasis on the role of African Americans in shaping American society. The contributions of African Americans to American society as a whole will also be examined.

HIST 112 - History of the Chicano in the United States**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course surveys United States history from the Chicano perspective and covers historical periods from the initial contact between European and indigenous North American societies through colonial, early national, and contemporary American historical periods. Emphasis is placed on this group's contributions to the development of the United States. Factors that have shaped the formation of Mexican American society within the context of United States history will also be analyzed.

HIST 114 - History of the Asian American in the United States**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course surveys Asian American history in the United States from 1848 to the present, focusing on the historical interaction of diverse Asian American groups with American politics, culture, society and the economy. Unique Asian American communities and the historical factors that have formed and shaped them will also be examined.

HIST 122 - United States Social History: Cultural Pluralism in America**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** None

This course surveys the role and contributions of ethnic groups and racial minorities to United States history. Emphasis is placed on these groups' cultural interaction with the American way of life from colonial times to the present. Focus will also be given to the ways that race and ethnicity have shaped personal lives, communities, the nation, and international relations.

HIST 122H - Honors United States Social History: Cultural Pluralism in America**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This honors course, intended for students in the Honors Transfer Program, surveys the role and contributions of ethnic groups and racial minorities to United States history. Emphasis is placed on these groups' cultural interaction with the American way of life from colonial times to the present. Focus will also be given to the ways that race and ethnicity have shaped personal lives, communities, the nation, and international relations. Note: Students may take either History122 or History122H. Duplicate credit will not be awarded.

HIST 128 - History of California**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is a survey of the history of California with an emphasis on the geographical, political, socio-economic and cultural development of the state. The role of ethnic minorities and women from pre-European times to the present will also be discussed.

HIST 129 - History of Los Angeles**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course surveys the political, social, and economic history of Los Angeles from its earliest settlement by Native Americans to the present. Topics include environmental issues, urban development, race and ethnicity, the entertainment industry, and the media's portrayal of Los Angeles. Special emphasis is given to the expanding role of Los Angeles as a global city that is a destination for diverse immigrant populations and a center of international commerce.

HIST 140 - History of Early Civilizations**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is a survey of the political, economic, social, and cultural development of World Civilizations from the origins of these complex cultures in the Neolithic era to the emergence of the West in the fifteenth century. Topics include the early civilizations of the Near East, Egypt, India, China, the Americas, Greece, and Rome.

HIST 141 - History of Modern Civilizations**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is a survey of the political, economic, social, and cultural development of world civilizations from the rise of the West in the mid-fifteenth century to the present day. Topics include the European voyages of exploration and expansion, Africa and the transatlantic slave trade, Protestant and Catholic Reformations, the Islamic empires, China and Japan in the age of global expansion, French and industrial revolutions, World War I and II, the Cold War, and globalization.

HIST 145 - History of World Religions**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is an introduction to the origins, essential doctrines, and historical development of the world's major religious traditions from prehistory to today and their impact on the societies in which they appear. Major religions examined include Judaism, Hinduism, Buddhism, Christianity, and Islam.

HIST 152 - History of Latin America Through Independence**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course surveys the political, economic, social and cultural development of Latin America from the pre-European contact to the achievement of independence in the early 19th century. Topics include the Native American world before European conquest, consequences of contact between Native Americans, Europeans and Africans, the formation of the colonial order, and the move toward independence from Spanish and Portuguese colonial rule.

HIST 154 - A History of Mexico**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course surveys the political, social, cultural, and economic history of Mexico from Pre-Columbian times to the present. Discussion of major epochs of Mexican history will focus on the influence of various cultural groups in shaping modern Mexico.

HIST 175 - History of Asian Civilizations to 1600**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course focuses on the political, economic, social, and cultural development of Asian civilizations from earliest times to 1600. Emphasis will be placed on the experiences of India, China, Japan, Korea, and Southeast Asia and their interactions. Topics include the emergence of the earliest Asian civilizations, the development of major religious and philosophical traditions, the rise of regional and imperial states, and the impact of early contacts with the West.

HIST 176 - History of Asian Civilizations from 1600 to the Present**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course surveys the political, economic, social, and cultural development of Asian civilizations from the 17th century to the present. Emphasis is placed on the experiences of India, China, Japan and Korea and their regional and global interactions. Topics include the impact of Western imperialism on these countries, the response to Western dominance and influence, and the emergence of these societies as modern nation-states.

HIST 183 - Introduction to African History, Prehistory to 1885**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is a survey of Africa from human evolution to the eve of colonial rule. Emphasis is given to the political, economic, and social development of the African continent. Topics include African trade relations with Europe and the world, the influences of Christianity and Islam in Africa, the Transatlantic slave trade, the African Diaspora, and early European incursions.

HIST 184 - Introduction to African History, 1885 to the Present**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course surveys the political, economic, social and cultural development of Africa from 1885 to the present. Topics include colonial conquest and African resistance to European rule, influence of the Christian missionaries and Islam in Africa, the striving for independence and the process of decolonization, and the challenges of modern state building.

HUMAN DEVELOPMENT**HDEV 101 - Orientation to College and Educational Planning****Units:** 1 **Lecture Hours:** 18 **Lab Hours:** 0 **Outside Hours:** 36**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** English 84 or English as a Second Language 52B and English A or English as a Second Language 53C

This course provides students with the information, skills, and resources necessary for successful educational experiences. Students will become aware of their responsibilities as students in a diverse college setting, develop an understanding of their individual learning styles, create realistic and obtainable educational and career goals, develop skills in managing time to achieve goals, and learn how to create a support network using college resources and services.

HDEV 105 - Career and Life Planning**Units:** 1 **Lecture Hours:** 18 **Lab Hours:** 0 **Outside Hours:** 36**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** English 84 or English as a Second Language 52B and English A or English as a Second Language 53C

This course provides an introduction to career and life planning, including an exploration of core values, skills, personality traits, life stages and experiences. Students will develop a career and life plan by applying career planning techniques and decision-making strategies. Emphasis will be placed on awareness of psychological, sociological satisfaction, and physiological factors related to career and life.

HDEV 107 - Navigating the Transfer Process**Units:** 1 **Lecture Hours:** 18 **Lab Hours:** 0 **Outside Hours:** 36**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** English 84 or English as a Second Language 52B and English A or English as a Second Language 53C

This course introduces students to the process of transferring to a university. Students will be provided with information necessary to evaluate educational and career goals, compare universities, and review university admissions and major preparation requirements. Emphasis will be placed on the development of educational plans, financial aid opportunities, and available programs and services at universities.

HDEV 110 - Strategies for Creating Success in College and in Life**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** English 84 or English as a Second Language 52B and English A or English as a Second Language 53C

This course provides an exploration of cognitive, psychological, social and physical factors influencing success in college and in life. Topics include personal responsibility, critical thinking, motivation, self-efficacy, self-awareness, lifelong learning, self-management, health and wellness, interpersonal communication in a diverse world, and educational planning.

HDEV 115 - Career Development Across the Lifespan**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** English 84 or English as a Second Language 52B and English A or English as a Second Language 53C

This course offers a comprehensive approach to career development across the lifespan. Theories of career and life development provide a framework for understanding vocational choice, work satisfaction, and career transition. Psychological and sociological factors influencing education, career and personal decision-making, career assessment tools for identifying college majors and careers, as well as the knowledge, skills and personal qualities necessary for success in a diverse workplace will be discussed. The course also reviews changing global environments, labor market trends, career research, and job search strategies.

HUMANITIES**HUMA 101 - An Introduction to the Humanities****Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is an introduction to the humanities through an historical, descriptive, interpretive, and critical study of film, drama, music, literature, painting, sculpture, and architecture.

JAPANESE

JAPA 101 - Elementary Japanese I

Units: 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 126

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* eligibility for English A

This course, taught within the context of Japanese culture, introduces students to the development of skills for language acquisition in speaking, listening, reading, and writing of modern Japanese. Students also are introduced to the cultural background of the language.

Note: This course is comparable to two years of high school Japanese.

JAPA 102 - Elementary Japanese II

Units: 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 126

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Japanese 101 with a minimum grade of C or equivalent

This course, taught within the context of Japanese culture, is a continuation of the study of elementary Japanese through intensive training on listening, speaking, reading, and writing. Students improve their speaking skills and extend their study of the basic grammar and Kanji characters.

NOTE: The prerequisite for this course is comparable to two years of high school Japanese.

JOURNALISM

JOUR 101 - News Writing and Reporting

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* eligibility for English 101

This course provides instruction in writing and reporting for the news media, from print to online journalism. Students will gain experience in learning the proper format and Associated Press style for writing news, features, and sports stories. Emphasis is placed on gathering information, covering the community, and understanding media ethics and laws.

JOUR 108 - Advanced Reporting and News Editing

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Journalism 101 with a minimum grade of C

This course will provide students with instruction in explanatory and investigative journalism, and opinion writing, and will incorporate the study of editing principles, style, and design to conform with professional models. Problems of law and libel will be discussed. Students will also be given hands-on instruction in newspaper and digital design, including graphics and multimedia. Leadership training, social media skills, and discussion of the business of journalism will also be provided.

JOUR 112 - Mass Media and Society**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course examines the past and current influences on American society of books, newspapers, magazines, movies, radio, television, recordings, and the Internet. With a focus on critical thinking skills, students gain experience in reading and writing persuasive and argumentative essays about problems facing the mass media. Students also learn the history of the eight mass media as well as analyze and evaluate the functions, the responsibilities, the regulations, and the ethics involved in the mass media industry.

LAW**LAW 104 - Legal Environment of Business****Units:** 4 **Lecture Hours:** 72 **Lab Hours:** 0 **Outside Hours:** 144**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU*, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 84

This course is an introduction to the legal environment in which a business firm operates. Topics include an introduction to the American legal systems, contracts, torts, product liability, forms of business organization, trade regulation, labor law, environmental law, and international business law.

Note: There may be CSU course limitations for students completing Law 104 and 105. Check with the transfer school for transfer status of this course.

LAW 105 - Business Law**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU***Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course explores the fundamental legal principles pertaining to business transactions with an introduction to the legal process. Topics include sources of law and ethics, contracts, torts, agency, criminal law, negotiable instruments, business organizations, and judicial and administrative processes.

Note: There may be CSU course limitations for students completing Law 104 and 105. Check with the transfer school for transfer status of this course.

LIBRARY SCIENCE**LIBR 101 - Introduction to Library Information Science****Units:** 1 **Lecture Hours:** 18 **Lab Hours:** 0 **Outside Hours:** 36**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** English A

Introduction to Library Information Science acquaints students with the organization of libraries and their resources, enabling them to develop strategies for library research. Students will learn how to locate and evaluate traditional and electronic types of library materials; how to document resources; and how to prepare a bibliography. Students will also acquire proficiency in the use of informational technology in order to understand the full potential of library resources.

LIBR 110 - Library Research Using the Internet

Units: 1 **Lecture Hours:** 18 **Lab Hours:** 0 **Outside Hours:** 36
Grading Method: Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: *Recommended Preparation:* English A

Library Research Using the Internet will familiarize students with library research as it relates to information access, search strategy development, and search engine capabilities of the Internet. Other related topics include information competency and the evaluation, validation, and citation of Internet sources.

Note: Letter grade or pass/no pass option.

MACHINE TOOL TECHNOLOGY

MTT 101 - Introduction to Conventional and CNC Machining

Units: 4 **Lecture Hours:** 36 **Lab Hours:** 108 **Outside Hours:** 72
Grading Method: Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable
Transfer: CSU
Conditions of Enrollment: None

In this course, students will be introduced to the principles and operation of conventional and Computer Numerically Controlled (CNC) machine tools with an emphasis on safety, measurement, hand tools, power saws, drilling machines, lathes, and milling and grinding machines focusing on practices and setups used in industry.

Note: Letter grade or pass/no pass option.

MTT 103 - Conventional and CNC Turning

Units: 4 **Lecture Hours:** 36 **Lab Hours:** 108 **Outside Hours:** 72
Grading Method: Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable
Transfer: CSU
Conditions of Enrollment: *Prerequisite:* Machine Tool Technology 101 or 146 with a minimum grade of C or equivalent

In this course, students will study at an advanced level the principles and operation of conventional and Computer Numerically Controlled (CNC) machine tools with an emphasis on the set up and operation of lathes. Topics will include safety, turning, drilling, boring, threading, cutting tools, CNC programming practices, and setups as applied in industry.

Note: Letter grade or pass/no pass option.

MTT 105 - Conventional and CNC Milling

Units: 4 **Lecture Hours:** 36 **Lab Hours:** 108 **Outside Hours:** 72
Grading Method: Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable
Transfer: CSU
Conditions of Enrollment: *Prerequisite:* Machine Tool Technology 101 or 146 with a minimum grade of C or equivalent

In this course, students will study at an advanced level the principles and operation of conventional and Computer Numerically Controlled (CNC) machine tools with an emphasis on the setup and operation of milling machines. Topics will include safety, drilling, milling, tapping, tooling, CNC programming practices, and setups as applied in industry.

Note: Letter grade or pass/no pass option.

MTT 107 - Advanced Manufacturing Processes**Units:** 4 **Lecture Hours:** 36 **Lab Hours:** 108 **Outside Hours:** 72**Grading Method:** Letter **grade or pass/no pass optio** **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Machine Tool Technology 101 or 146 with a minimum grade of C or equivalent

In this course, students will study the principles and operation of machine tools with an emphasis on advanced manufacturing processes and machines, such as Electrical Discharge Machines (EDM), water abrasive jet machines, and grinding machines. Additional topics will include abrasives, coordinate measuring machines, advanced precision measurement, Geometric Dimensioning and Tolerancing (GD&T), optical comparators, and practices and setups as applied in industry.

Note: Letter grade or pass/no pass option.

MTT 110 - Introduction to CAD/CAM**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 18 **Outside Hours:** 90**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course covers the study of the fundamental concepts of Computer Aided Manufacturing (CAM). Concepts explored will include the application of computers in manufacturing, Computer Aided Design (CAD), Computer Numerical Control (CNC) programming, Automated Manufacturing and Integrated CAD/CAM.

MTT 112 - Computer Numerical Control Programming**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 18 **Outside Hours:** 90**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU

Conditions of Enrollment: Prerequisite: Machine Tool Technology 110 or equivalent; Machine Tool Technology 140 or equivalent; and Machine Tool Technology 146 or 101 or equivalent with a minimum grade of C in prerequisite.

This course covers the study of Computer Numerical Control (CNC) programming with emphasis on contouring, canned cycles, cutter diameter compensation, looping, macro subroutines and multiple part programming for three axis milling machines and CNC lathes.

MTT 115 - Numerical Control Graphics Programming**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Machine Tool Technology 110, 140, 101 or equivalent

This basic course covers Computer Aided Manufacturing (CAM), emphasizing interactive graphics programming for Numerical Control (NC) machines. Concepts studied will include interactive geometry construction, tool motion, machine functions, repetitive programming, graphic output and graphic editing. Programs will be compiled using interactive graphics computer systems.

MTT 118 - 3D Numerical Control Graphics Programming

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 90

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Machine Tool Technology 115

This course covers Computer Aided Manufacturing (CAM), emphasizing interactive graphics programming for Numerical Control (NC) machines. Students will utilize various techniques of creating geometry on multiple work planes, three dimensional (3D) surface toolpath creation and manipulation, implementing 4th and 5th axis machining, generating surface to surface intersections, creating blends between surfaces, creating roughing operations for 3D and Computer Aided Design (CAD) data conversion for the purpose of 3D machining.

MTT 120 - Manufacturing Print Reading

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

Students are introduced to engineering drawings and engineering specifications used in manufacturing industries. Representative drawings from simple production to complex assembly will be used to demonstrate concepts and for practice in interpreting the symbols and notations. Geometric Dimensioning and Tolerancing (GD&T) in accordance with American National Standards Institute (ANSI) Y-14.5 standard and the construction of simple machine parts are also discussed.

MTT 140 - Machine Shop Calculations

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Recommended Preparation:* Machine Tool Technology 120

This course covers the study of machine shop problems involving the solution of formulas related to screw threads, feeds and speeds, spur gears, simple and angular indexing. Geometric figures, angles, triangles, circles, arcs, trigonometric functions, compound angles and oblique triangles will also be introduced.

MTT 146 - Basic Machine Tool Operation

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

Students are introduced to the basic principles and operation of machine tools with a focus on bench operations, drilling, engine lathes, mills, and grinding machines. Standard industry practices and tool set-ups used are emphasized. Laboratory projects and exercises related to the lectures and demonstrations will be assigned.

MTT 160 - General Metals**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54**Grading Method:** Letter **grade or pass/no pass option** **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course covers the general skills of metal working: machine shop practice, welding, bench work, art metal, foundry and sheet metal, design, construction and occupational exploration.

MTT 201 - Introduction to Aerospace Fastener Technology**Units:** 4 **Lecture Hours:** 36 **Lab Hours:** 108 **Outside Hours:** 72**Grading Method:** Letter **grade or pass/no pass option** **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Mathematics 12 and Machine Tool Technology 120 and 140

In this course, students are introduced to fastener's standard measurement techniques, cold-heading (forging), thread-rolling, centerless grinding, turning, trimming, and interpretation of travelers (routers). Standard aerospace fastener industry practices, safety procedures, and set-ups are emphasized.

Note: Letter grade or pass/no pass option.

MTT 203 - Advanced Inspection of Fasteners and Measuring Instruments**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54**Grading Method:** Letter **grade or pass/no pass option** **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Machine Tool Technology 120 or 140

Students are introduced to advanced fastener inspection. Standard measurement techniques with focus on microscopes, thread pitch gauges, Go and No-Go gauges, micrometers, indicators, calipers, gauge-blocks, plug gauges, comparator, and interpretation of travelers. Standard aerospace fastener industry practices are emphasized.

Note: Letter grade or pass/no pass option.

MTT 95 - Cooperative Work Experience Education**Units:** 2-4 **Lecture Hours:** 0 **Lab Hours:** hours to be arranged**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

Enrollment Limitation: Employment or volunteer work in a position related to the student's major or career goal by the second week of the semester. Completion of or current enrollment in one course from the major.

Through a set of learning objectives established by the student, supervisor, and instructor, each student will work with and learn from experts in the Machine Tool Technology field. These experiences will enable students to improve job skills, analyze career opportunities and requirements, and compare them to personal abilities and career expectations.

Note: Transfer limitations apply.

Note: The total units earned for Cooperative Work Experience Education may not exceed 16 units.

MTT 99 - Independent Study

Units: 1-3 **min Lecture Hours:** 54 **max Lecture Hours:** 162
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU

Conditions of Enrollment: None

Enrollment Limitation: Two courses in Machine Tool Technology with a minimum grade of B in each and acknowledgment by the instructor with whom the student will work.

This course provides special advanced studies in a subject field of Machine Tool Technology not covered in the regular departmental offerings. Regular conferences with the instructor are coordinated with assigned Machine Tool Technology projects (54 hours per unit).

Note: Transfer limitations apply.

MANUFACTURING TECHNOLOGY**MTEC 170 - Basic Robotics**

Units: 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU

Conditions of Enrollment: None

Students will explore the technologies used to fabricate model robotics systems. Additional topics covered include basic electronics theory, electro-mechanical assembly, motors and micro-controller operation, basic programming, and careers in technology. Students will construct and test prototype robots. Project building and problem solving will be emphasized.

MTEC 175 - Integrated Robotic and Automated Technologies

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Manufacturing Technology 170

This course covers robotic and automation applications with emphasis on imbedded electronics, micro-controller programming, motors and drive trains. Additional topics covered include electronics theory, electro-mechanical fabrication, sensors, manufacturing materials and processes and career fields in which robotic applications are used. Students will construct, program and test a vehicular or process robot.

Note: This course is the same as the two-course sequence Manufacturing Technology 175A and 175B.

MTEC 175A - Integrated Robotic and Automated Technologies I

Units: 1.5 **Lecture Hours:** 18 **Lab Hours:** 36 **Outside Hours:** 27
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Manufacturing Technology 170

This is the first course in a two-course sequence that covers robotic and automation applications with emphasis on electronics theory, electromechanical fabrication, motors, and drive trains. Students will construct, program, and test a vehicular or process robot.

Note: The two-course sequence Manufacturing Technology 175A and 175B is the same as Manufacturing Technology 175.

MTEC 175B - Integrated Robotic and Automated Technologies II**Units:** 1.5 **Lecture Hours:** 18 **Lab Hours:** 36 **Outside Hours:** 27**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Manufacturing Technology 170 and 175A

This is the second course in a two-course sequence that covers robotic and automation applications with emphasis on imbedded electronics, microcontroller programming, sensors, manufacturing materials and processes. Students will construct, program, and test a vehicular or process robot to satisfy instructor assigned goals or tasks.

Note: The two-course sequence Manufacturing Technology 175A and 175B is the same as Manufacturing Technology 175.

MTEC 99 - Independent Study**Units:** 1-3 **min Lecture Hours:** 54 **max Lecture Hours:** 162**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions for Enrollment:** None**Enrollment Limitation:** two courses in Manufacturing Technology with a minimum grade of B in each and acknowledgment by the instructor with whom the student will work.

This course provides special advanced studies in a subject field of Manufacturing Technology not covered in the regular departmental offerings. Regular conferences with the instructor are coordinated with assigned Manufacturing Technology projects (54 hours per unit).

Note: Transfer limitations apply.

MATHEMATICS**MATH 12 - Basic Arithmetic Skills****Units:** 3 **Lecture Hours:** 72 **Lab Hours:** 0 **Outside Hours:** 144**Grading Method:** Letter **Credit Status:** Credit, not degree applicable**Transfer:** Not Transferable**Conditions of Enrollment:** None

This introductory arithmetic course is designed to develop number and operation sense using whole numbers, fractions, decimals, and percents, as well as develop problem-solving skills. Topics include writing whole numbers and decimals in various forms, estimation, ratios, proportions, and applications. *Note:* Students enrolled in this course are required to participate in individual and group activities.

MATH 17A - Math Academy: Arithmetic**Units:** **Lecture Hours:** 42 **Lab Hours:** 6 (6 week course)**Grading Method:** Noncredit **Credit Status:** Noncredit**Transfer:** Not Transferable**Conditions of Enrollment: Prerequisite:** assessment and placement by multiple measures**Recommended Preparation:** Human Development 101 or concurrent enrollment

This course is designed to develop student's number and operation sense working with whole numbers, fractions, decimals, and percents, as well as develop problem-solving skills. Topics include operations on whole numbers and decimals, estimations, ratios, proportions, applications, an introduction to variables, algebraic equations, and signed numbers. *Note:* This course is designed for students who placed into Mathematics 12. This course is repeatable and open for enrollment at registration and at any time during the semester.

MATH 23 - Pre-Algebra**Units:** 3 **Lecture Hours:** 72 **Lab Hours:** 0 **Outside Hours:** 144**Grading Method:** Letter **Credit Status:** Credit, not degree applicable**Transfer:** Not Transferable**Conditions of Enrollment:** *Prerequisite:* Mathematics 12 with a minimum grade of C or assessment and placement by multiple measures

This course bridges the gap between arithmetic and formal algebra, developing number sense and operation sense, in order to formulate and solve algebraic equations with integers, fractions, and percents. Algebraic principles are applied to problems from a variety of fields. Other topics include: proportional reasoning, spatial reasoning, informal geometry and measurement, coordinate graphing, informational graphs, and data collection and description.

MATH 27A - Math Academy: Pre-Algebra**Units:** **Lecture Hours:** 42 **Lab Hours:** 6 (6 week course)**Grading Method:** Noncredit **Credit Status:** Noncredit**Transfer:** Not Transferable**Conditions of Enrollment:** *Prerequisite:* Mathematics 12 with a minimum grade of C**Recommended Preparation:** Human Development 101

This course bridges the gap between arithmetic and formal algebra, developing number sense and operation sense, in order to formulate and solve algebraic equations with integers, fractions, and percent. Algebraic principles are applied to problems from a variety of fields. Other topics include proportional reasoning, spatial reasoning, informal geometry and measurement, coordinate graphing, and informational graphs.

Note: This course is designed for students who passed Mathematics 12 or who placed into Mathematics 23. This course is repeatable and open for enrollment at registration and at any time during the semester.

MATH 37 - Basic Accelerated Mathematics**Units:** 5 **Lecture Hours:** 81 **Lab Hours:** 63 **Outside Hours:** 153**Grading Method:** Pass/no pass only **Credit Status:** Credit, degree applicable**Transfer:** Not Transferable**Conditions of Enrollment:** None

This accelerated course provides students who place below the elementary algebra level the opportunity to develop numeracy skills, strengthen mathematical reasoning skills, and complete elementary algebra in a single semester. There are three levels of mathematics in this course, taught in an integrated fashion: basic arithmetic skills; fundamentals of algebra, with an emphasis on linear equations; and the remaining topics found in a typical elementary algebra course. This course has multiple exit levels, based on a student's demonstrated competencies. Students engage in student success activities, including creating an education plan with a counselor, and participation in supplemental instruction.

Note: This course is not recommended for students who place at or above the elementary algebra level.

MATH 40 - Elementary Algebra**Units:** 4 **Lecture Hours:** 72 **Lab Hours:** 0 **Outside Hours:** 144**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** Not Transferable**Conditions of Enrollment: Prerequisite:** Mathematics 23 with minimum grade of C or assessment and placement by multiple measures

This course in elementary algebra includes the study of real number solutions and applications of linear equations, quadratic equations, linear inequalities, and systems of linear equations. Other topics include coordinate graphing or linear equations, factoring techniques, and simplification of rational and radical expressions.

Note: Mathematics 40 is equivalent to one year of high school algebra.

MATH 47A - Math Academy - Elementary Algebra**Units:** **Lecture Hours:** 42 **Lab Hours:** 6 (6 week course)**Grading Method:** Noncredit **Credit Status:** Noncredit**Transfer:** Not Transferable**Conditions of Enrollment: Prerequisite:** Mathematics 23 with a minimum grade of C or assessment and placement by multiple measures**Recommended Preparation:** Human Development 101

This elementary algebra course is the study of real number solutions and applications of linear equations, quadratic equations, linear inequalities, and systems of linear equations. Other topics include coordinate graphing or linear equations, factoring techniques, and simplification of rational and radical expressions.

Note: This course is designed for students who passed Mathematics 23 or who placed into Mathematics 40. This course is repeatable and open for enrollment at registration and at any time during the semester.

MATH 60 - Elementary Geometry**Units:** 4 **Lecture Hours:** 72 **Lab Hours:** 0 **Outside Hours:** 144**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** Not Transferable**Conditions of Enrollment: Prerequisite:** Mathematics 37 or 40 with a minimum grade of C or assessment and placement by multiple measures

This is an introductory course in geometry. Topics include: properties of geometric figures including circles, triangles and other polygons, congruence and similarity, and elementary logical reasoning. Formal proof is introduced and used throughout the course.

Note: This course is equivalent to one year of high school geometry.

MATH 67 - General Education Algebra**Units:** 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** Not Transferable**Conditions of Enrollment: Prerequisite:** Mathematics 67 with a minimum grade of C or Mathematics 37 with a grade of P or assessment and placement by multiple measures

Using data and real-world applications, students in this accelerated course reinforce their numeracy skills and learn the algebra and other quantitative reasoning skills needed for transfer-level general education mathematics courses.

Note: Mathematics 67 is intended for students who place at the elementary algebra level. Mathematics 67 is a prerequisite course only for Mathematics 110, 111, 115, 120, 140, and 150. Mathematics, computer science, science, engineering, and business students should not take Mathematics 67. These students should be directed to Mathematics 80.

MATH 73 - Intermediate Algebra for General Education**Units:** 5 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 180**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** Not Transferable**Conditions of Enrollment:** *Prerequisite:* Mathematics 40 with a minimum grade of C or assessment and placement by multiple measures

This intermediate algebra course is designed for students who are not considering further study in the sciences, technology, engineering, or mathematics. In the context of studying basic functions and their graphs, students strengthen and expand their algebra skills. Functions studied include linear, quadratic, polynomial, rational, and radical functions, as well as the absolute value function. Particular emphasis is placed on the operations on functions, solving equations and inequalities, as well as using functions to model real life situations. Other topics include solving systems of equations and applications.

Note: Mathematics 73 serves as a prerequisite course for all transfer-level mathematics course sequences, except the STEM and Business calculus sequences (Mathematics 130, 165, 170, 180, 190, 191, and 220).

MATH 80 - Intermediate Algebra for Science, Technology, Engineering, and Mathematics**Units:** 5 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 180**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** Not Transferable**Conditions of Enrollment:** *Prerequisite:* Mathematics 40 with a minimum grade of C or assessment and placement by multiple measure.

This intermediate algebra course is designed for students who are considering further study in the sciences, technology, engineering, or mathematics. In the context of studying a large library of basic functions and their graphs, students strengthen and expand their algebra skills. The library includes linear, quadratic, polynomial, rational, radical, exponential, and logarithmic functions, as well as inverse functions and the absolute value function. Particular emphasis is placed on the operations on functions, as well as solving equations and inequalities. Other topics include solving systems of equations, operations on complex numbers, and applications.

Note: Mathematics 80 serves as a prerequisite course for all transfer-level mathematics course sequences, including the calculus sequence (Mathematics 170, 180, 190, 191 and 220).

MATH 100 - Supervised Tutoring: Mathematics**Units:** 0 **Lecture Hours:** 0 **Lab Hours:** 72 hours to be arranged**Grading Method:** Noncredit **Credit Status:** Noncredit**Transfer:** Not Transferable**Conditions of Enrollment:****Enrollment Limitation:** referral by instructor or counselor based on assessed academic need

This course provides students with supervised tutoring related to their assignments in all mathematics courses offered at Compton College. The tutoring addresses the application of learning skills, the use of learning resources and the review of course content.

Note: This course is repeatable and open for enrollment at registration and at any time during the semester.

MATH 110 - Structures and Concepts in Mathematics**Units:** 3 **Lecture Hours:** 36 **Activity Hours:** 36 **Outside Hours:** 90**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC***Conditions of Enrollment: Prerequisite:** Mathematics 67 or 73 or 80 with a minimum grade of C or assessment and placement by multiple measures

As an introduction to the use of logical, quantitative, and spatial reasoning in the discipline of mathematics, students in this course examine the mathematical topics of set theory, numeration, number theory, functions, graphs, patterns and the structure of real numbers. Students investigate the interrelationships among these topics, with an emphasis on algebraic, geometric and kinesthetic modeling, inductive and deductive logic, and proofs using pictures. Designed for pre-service elementary school teachers, this course is appropriate for all students interested in a deeper understanding of the structure of mathematics.

Note: The maximum UC credit allowed for students completing Mathematics 110, 111, 115, and 116 is one course.

MATH 111 - Mathematics for Elementary School Teachers-Geometry, Probability & Statistics**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC***Conditions of Enrollment: Prerequisite:** Mathematics 60 with a minimum grade of C and Mathematics 67 or 73 or 80 with a minimum grade of C or equivalent

This course, designed for preservice elementary school teachers, will examine four content areas: Geometry (plane, solid, and coordinate geometry, congruence, similarity, and tessellations); Measurement and Estimation (length, area, and volume); Statistics (graphs, measures of central tendency); and Probability (single and multistaged events, odds and expected values, and normal distributions).

Note: The maximum UC credit allowed for students completing Mathematics 110, 111, 115, and 116 is one course.

MATH 115 - Probability and Statistics for Prospective Elementary School Teachers**Units:** 3 **Lecture Hours:** 36 **Activity Hours:** 36 **Outside Hours:** 90**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC***Conditions of Enrollment: Prerequisite:** Mathematics 67 or 73 or 80 with a minimum grade of C or assessment and placement by multiple measures.**Recommended Preparation:** eligibility for English 101

This course is designed to provide a comprehensive and in-depth exploration of the concepts in probability and statistics. Topics include creating and interpreting graphs, random variables and sampling, measures of central tendency and dispersion, analysis of experiments including hypothesis testing, design of experiments, and data gathering. In addition, basic laws of probability, logic and set theory including dependent, independent, and mutually exclusive events, odds, and expected values will be examined.

Note: The maximum UC credit allowed for students completing Mathematics 110, 111, 115, and 116 is one course.

MATH 116 - Geometry and Measurement for Prospective Elementary School Teachers**Units:** 3 **Lecture Hours:** 36 **Activity Hours:** 36 **Outside Hours:** 90**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC***Conditions of Enrollment: Prerequisite:** Mathematics 60 and Mathematics 110 with a minimum grade of C or equivalent

In this course, designed for prospective elementary school teachers, students focus on the conceptual and procedural understanding of geometry and measurement. Students explore informal geometry, congruence, similarity, constructions, transformations, tessellations, and measurement involving both English and metric units in one, two, and three dimensions. The use of appropriate units in real-world geometric situations is emphasized throughout the course. Group activities, hands-on activities and use of computer software are integrated throughout the course.

Note: The maximum UC credit allowed for students completing Mathematics 110, 111, 115, and 116 is one course.

MATH 120 - Nature of Mathematics**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Mathematics 67, 73, or 80 with a minimum grade of C or assessment and placement by multiple measures

This course surveys general ideas and concepts of mathematics, including mathematics of finance, set theory, combinatorics, probability, statistics, voting systems, logic and applications of Euclidean geometry.

Note: This course meets the CSU general education requirement for mathematics and quantitative reasoning.

MATH 130 - College Algebra**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC***Conditions of Enrollment: Prerequisite:** Mathematics 80 with a minimum grade of C or assessment and placement by multiple measures

In this course, students will explore polynomial, radical, rational, exponential, and logarithmic functions and their graphs, as well as sequences and series.

Note: The maximum UC credit allowed for students completing Mathematics 130 and Mathematics 180 is one course.

Note: This is a preparatory course for Mathematics 165 Calculus Business and Social Sciences.

MATH 140 - Finite Mathematics for Business and Social Sciences**Units:** 4 **Lecture Hours:** 72 **Lab Hours:** 0 **Outside Hours:** 144**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Mathematics 67, 73, or 80 with a minimum grade of C or assessment and placement by multiple measures

This course consists of a study of the Gauss-Jordan method, matrices, linear programming from a geometrical approach, logic, sets, combinatorics, probability, Bayes' theorem, random variables, descriptive statistics, and Markov chains.

MATH 150 - Elementary Statistics with Probability**Units:** 4 **Lecture Hours:** 72 **Lab Hours:** 0 **Outside Hours:** 144**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Mathematics 67 or 73 or 80 with a minimum grade of C in prerequisite or assessment and placement by multiple measures.

The focus of this course is the basic practice of statistics, including descriptive statistics, inferential statistics, and the role probability plays in statistical analysis. Students will calculate and interpret various descriptive statistics using graphing calculators with statistical testing capabilities and statistical software, as well as by hand. Major topics include methods of data collection and simulation; measures of central tendency, variability, and relative position; graphical summaries of data; linear regression and correlation; distributions, including normal and binomial distributions; probability theory; and inferential statistical methods. Students will choose, justify, use, and interpret the results of inferential techniques, such as confidence intervals, hypothesis tests, goodness of fit, analysis of variance, and nonparametric tests.

**Note: Students may take either Mathematics 150 or Mathematics 150H. Duplicate credit will not be awarded for Mathematics 150 and Mathematics 150H.*

**Note: The maximum UC credit allowed for students completing Mathematics 150 and Psychology 120 or Mathematics 150 and Sociology 120 is one course.*

MATH 150H - Honors Elementary Statistics with Probability**Units:** 4 **Lecture Hours:** 72 **Lab Hours:** 0 **Outside Hours:** 144**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Mathematics 67 or 73 or 80 with a minimum grade of C in prerequisite or assessment and placement by multiple measures.

This honors course, intended for students in the Honors Transfer Program, will include practice of statistics, including descriptive statistics, inferential statistics, and the role probability plays in statistical analysis. Students will calculate and interpret various descriptive statistics using graphing calculators with statistical testing capabilities or statistical software, as well as by hand. Major topics include methods of data collection and simulation; measures of central tendency, variability, and relative position; graphical summaries of data; linear regression and correlation; distributions, including normal and binomial distributions; probability theory; and inferential statistical methods. Students will choose, justify, use, and interpret the results of inferential techniques, such as confidence intervals, hypothesis tests, goodness of fit, analysis of variance, and nonparametric tests. This course emphasizes extensive, rigorous demonstrations of understanding the concepts of statistics. Students will also complete at least one project demonstrating an application or synthesis of topics covered in the course.

**Note: Students may take either Mathematics 150 or Mathematics 150H. Duplicate credit will not be awarded for Mathematics 150 and Mathematics 150H.*

**Note: The maximum UC credit allowed for students completing Mathematics 150 and Psychology 120 or Mathematics 150 and Sociology 120 is one course.*

MATH 165 - Calculus for Business and Social Sciences**Units:** 5 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 180**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Mathematics 130 or Mathematics 180 with a minimum grade of C or assessment and placement by multiple measures

This course consists of an introduction to differential and integral calculus with business and social science applications to include polynomial, rational, exponential and logarithmic functions and their graphs; multi-variable calculus to include partial differentiation, optimization, and introduction to differential equations.

Note: UC limitations apply.

MATH 170 - Trigonometry

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Prerequisite: Mathematics 60 and Mathematics 80 with a minimum grade of C or assessment and placement by multiple measures

This course includes a study of trigonometric functions, their inverses, identities, equations, complex numbers, graphs, and applications.

Note: One year of high school geometry is equivalent to Mathematics 60.

MATH 180 - Precalculus

Units: 5 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 180

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Prerequisite: Mathematics 170 with a minimum grade of C

This course is a preparation for calculus. Topics of study include polynomial, rational, exponential, logarithmic, and trigonometric functions as well as their inverses. Matrices and analytic geometry are introduced, as well as sequences and series. The application of these topics is stressed to enhance conceptual understanding of the material.

Note: The maximum UC credit allowed for students completing Mathematics 180 and Mathematics 130 is one course.

MATH 190 - Single Variable Calculus and Analytic Geometry I

Units: 5 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 180

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Prerequisite: Mathematics 180 with a minimum grade of C or assessment and placement by multiple measures

In this course students will be introduced to topics such as limits, continuity, derivatives and antiderivatives of algebraic and transcendental functions; definite integrals of algebraic and transcendental functions with and without the fundamental theorem of calculus; linear approximations; relating features of a function's graph to its derivatives; and application problems using derivatives as well as implicit differentiation. Problem solving using computer software is also addressed.

Note: The maximum UC credit allowed for calculus is one course from either Math 165 or Math 160 or 161 or Math 190 or 191.

MATH 191 - Single Variable Calculus and Analytic Geometry II

Units: 5 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 180

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Prerequisite: Mathematics 190 with a minimum grade of C

This course includes a study of methods and applications of integration, improper integrals, numerical integration, infinite sequences, infinite series and power series, parametric equations and polar equations.

MATH 210 - Introduction to Discrete Structures**Units:** 4 **Lecture Hours:** 72 **Lab Hours:** 0 **Outside Hours:** 144**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* Mathematics 190 with a minimum grade of C

This course blends mathematical reasoning, combinatorial analysis, discrete structures, algorithmic thinking and modeling to study the problems that occur in computer science and mathematics. Topics covered include: logic, sets, proofs, functions, relations, number theory, counting, graphs and trees.

MATH 220 - Multi-Variable Calculus**Units:** 5 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 180**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* Mathematics 191 with a minimum grade of C

This course is a study of calculus in several variables including partial differentiation, tangent planes to surfaces, directional derivatives, and optimization problems. Topics include integral calculus in several variables including line, surface, and volume integrals, and the theorems of Green, Gauss (Divergence) and Stokes as generalizations of the Fundamental Theorem of Calculus; and topics in vector algebra and solid analytic geometry.

MATH 270 - Differential Equations with Linear Algebra**Units:** 5 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 180**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* Mathematics 220 with a minimum grade of C

This course consists of a study of first-order ordinary differential equations, systems of linear equations, matrices, determinants, vector spaces, linear transformations, linear second-order ordinary differential equations, power series solutions, numerical methods, Laplace transforms, eigenvalues, eigenvectors, and systems of linear differential equations and applications.

MATH 99 - Independent Study**Units:** 1 - 3 **min Lecture Hours:** 54 **max Lecture Hours:** 162**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

Enrollment Limitation: Two courses in Math with a minimum grade of B in each and acknowledgment by the instructor with whom the student will work.

This course provides special advanced studies in a subject field of Mathematics not covered in the regular departmental offerings. Regular conferences with the instructor are coordinated with assigned Mathematics projects (54 hours per unit).

Note: Transfer limitations apply.

MEDICAL TERMINOLOGY

MEDT 101 - Medical Terminology

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Recommended Preparation:* English 84

This course provides study and practical application of a medical vocabulary system according to body systems. Students review the basic construction of medical words, concentrating on word origins, root words, prefixes, and suffixes. Word structure, recognition, analysis, definition, spelling, and pronunciation are presented in the context of medical terms for organs, diseases, symptoms, diagnostic tests, and medical surgical procedures.

MICROBIOLOGY

MICR 133 - General Microbiology

Units: 5 **Lecture Hours:** 54 **Lab Hours:** 108 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Biology 100 or 100H; or Anatomy 130 or 132; or Physiology 131 or Anatomy and Physiology 134; and Chemistry 104 and 104H or Chemistry 150 or Chemistry 102 or Chemistry 120 with a minimum grade of C in prerequisite or equivalent

This course is a study of microbial anatomy and physiology, classification, microbes in water, air, soil, food, sewage, and medical aspects of microbiology. It also includes the study of fundamental techniques in the growth, culture, and identification of microorganisms. Laboratory experiments are performed by students to reinforce principles of microbiology discussed in lecture. This course is designed for students planning to pursue careers in the health sciences or other life sciences.

MUSIC

MUSI 101 - Music Fundamentals

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: None

This course is an introduction to the notation and primary elements of tonal music from global cultures. It prepares students for further study in theory and musicianship, and serves to enhance the study and appreciation of music for all interested students. Students will analyze music beginning with pitch and rhythm notation, the keyboard and major scales. The course proceeds through intervals, triads, seventh chords, inversions, minor scales, cadences, modes and non-harmonic tones. Included are terms and symbols for tempi, dynamics, and repeats. The history and social context of the above concepts will be discussed.

MUSI 102A - Beginning Sightsinging

Units: 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: None

This course develops fundamental skills for reading and singing music at sight. This includes pitch and rhythm notation, key signatures, intervals, major and minor modes, and melodies. Class assignments will incorporate exercises in sightsinging, including melodic and rhythmic dictation.

MUSI 102B - Advanced Sightsinging**Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Music 101 or 102A or 131A with a minimum grade of C in prerequisite or equivalent

This course continues the development of essential skills for reading and singing music at sight, including ear training and singing of major and minor mode scales, intervals, chords, rhythms and melodies of increasing difficulty. Class assignments will incorporate exercises in melodic, rhythmic, and harmonic sightsinging and dictation.

MUSI 103A - Theory and Musicianship I**Units:** 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 180**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Music 101 with a minimum grade of C or equivalent**Recommended Preparation:** Music 102A and 131A or equivalent and English 84 or English as a Second Language 52B

In this course designed for the music major, students acquire knowledge of tonal harmony and develop corresponding aural skills. Four-part voice leading principles, harmonic progression, Roman numeral analysis, musical form, and non-chord tones are emphasized. Appropriate exercises in sight-singing and dictation will accompany written work.

MUSI 103B - Theory and Musicianship II**Units:** 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 180**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Music 103A with a minimum grade of C or equivalent**Recommended Preparation:** Music 102A or 102B; Music 131B or equivalent

This course is a continuation of Music103A and expands the study of tonal music by enlarging the harmonic vocabulary to include diatonic seventh chords and secondary functions. Modulation types common to music of the 18th century and small forms will also be discussed. Appropriate exercises in sight-singing and dictation will accompany written work.

MUSI 105 - Commercial/Jazz Theory and Musicianship**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Music 101 with a minimum grade of C or equivalent**Recommended Preparation:** Music103A or equivalent

In this course, students acquire knowledge of tonal harmony used in commercial music and jazz. Emphasis is placed on harmonic, rhythmic, and melodic vocabularies, chord-scale relationships, and basic keyboard applications. Students develop skills in ear training, writing transcriptions of recorded performances, composition, and music manuscript preparation.

MUSI 111 - Music Appreciation Survey**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Recommended Preparation:* eligibility for English 101

This course focuses on the major stylistic periods of Western art music from the Middle Ages until the end of the 20th Century. An emphasis will be placed on the music heard in North American and European concert halls. Examples will be presented in the context of contemporaneous social, political, and artistic movements and events. Basic musical elements, terminology, voice categories, and instruments of the orchestra will be included.

MUSI 112 - Music Cultures of World**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Recommended Preparation:* eligibility for English 101

This course focuses on the styles, techniques, performers, and historical evolution of Western and non-Western music. Emphasis is placed on African, Asian, Latin American, and Polynesian music and the relationship between the music and culture. In addition, American ethnic music and jazz will be presented.

MUSI 113 - Survey of Jazz**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Recommended Preparation:* eligibility for English 101

This course focuses primarily on the techniques, styles, performers, and historical evolution of jazz. In addition, a survey of African and African-American predecessors of jazz will be presented.

MUSI 116 - History of Rock Music**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Recommended Preparation:* eligibility for English A

This course focuses on the techniques, styles, composers, performers, and evolution of rock and roll from the 1950s to the present. Emphasis is placed on the roots and early development of rock music, its stylistic trends, influential artists, and the impact of technology on rock music throughout the years.

MUSI 120 - Voice Class I**Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 18 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** None

This course introduces principles and techniques of singing, musicianship, and song repertoire. Attendance at selected musical events is required.

MUSI 130 - Beginning Jazz Improvisation**Units:** 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** Enrollment Limitation: audition at first class meeting (ability to perform music of moderate difficulty on an instrument or vocally)**Recommended Preparation:** Music 101 or equivalent

This course is a study of the basic techniques of jazz improvisation. Emphasis is placed on the study and application of scales, chords, patterns, and "licks" used by musicians to create improvisations on tonal, modal, and blues-based songs. Except for keyboards and drums, students must provide their own instruments for classroom performances.

MUSI 131A - Beginning Piano I**Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 18 **Outside Hours:** 36**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** None

This course is designed for the beginning piano student. It introduces music notation and its application to playing piano music and proceeds through pieces and exercises of advancing difficulty for the elementary player. Concepts and techniques of musicianship and music theory are emphasized.

MUSI 131B - Beginning Piano II**Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 18 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* Music 131A with a minimum grade of C or equivalent

This course is a continuation of Music 131A (Beginning Piano I) using increasingly complex materials. Student will attend selected musical events.

MUSI 143 - Beginning Woodwind Instruments**Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 18 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** None

This course for the beginning musician introduces basic skills and techniques for playing a woodwind instrument. Students select from flute, clarinet, saxophone, oboe, or bassoon. Music reading, tone production, breath control, technique, musicianship and instrument care are emphasized. Students must provide their own instrument.

MUSI 144 - Beginning Brass Instruments**Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 18 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** None

This course for the beginning musician introduces basic skills and techniques for playing a brass instrument. Students select from trumpet, French horn, trombone, euphonium, or tuba. Music reading, tone production, breath control, technique, musicianship, and instrument care are emphasized. Students must provide their own instruments.

MUSI 145 - Beginning Percussion Instruments

Units: 2 **Lecture Hours:** 36 **Lab Hours:** 18 **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: None

This course for the beginning musician introduces basic skills and techniques for playing snare drum and drum set. Music reading, drum rudiments, percussion techniques, and musicianship are emphasized. Students must provide their own sticks and practice pad.

MUSI 146 - Beginning String Instruments

Units: 2 **Lecture Hours:** 36 **Lab Hours:** 18 **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: None

This course for the beginning musician introduces basic skills and techniques for playing a string instrument. Students select from violin, viola, cello, or string bass. Music reading, tone production, technique, musicianship, and instrument care are emphasized. Students must provide their own instruments.

MUSI 147A - Beginning Guitar

Units: 2 **Lecture Hours:** 36 **Lab Hours:** 18 **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: None

This course will focus on fundamental aspects of holding, tuning, and basic performance techniques for pickstyle guitar. Students will be introduced to the fundamentals of music including reading notation and basic music theory. Students will examine melodies, strumming patterns, and chord playing through the use of both traditional and contemporary popular music repertoire.

MUSI 147B - Beginning Guitar II

Units: 2 **Lecture Hours:** 36 **Lab Hours:** 18 **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Music 147A with a minimum grade of C or equivalent

This course is a continuation of Beginning Guitar I. Course content includes extended chord vocabulary, continuation of music notation reading, and study of popular music repertoire.

MUSI 152 - Concert Choir

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 72 **Outside Hours:** 0

Grading Method: Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: None

This is a non-audition ensemble designed for the study and performance of choral works of various styles. Emphasis is placed on development of the voice in relationship to choral singing and the continuous growth of musicianship appropriate to choral literature. The ensemble will perform in concert at the conclusion of each semester. This course may be repeated four(4) times.

MUSI 180 - Fundamentals of Electronic Music

Units: 2 **Lecture Hours:** 18 **Activity Hours:** 36 **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

This course provides instruction in the use of synthesizers, Musical Instrument Digital Interface (MIDI), computers, musical acoustics, sound design, and music software. Emphasis is placed on technical, compositional, multimedia technology, and performance skills utilizing digital synthesizers in conjunction with computers and music software applications.

MUSI 181A - Introduction to Electronic Music Studio

Units: 2 **Lecture Hours:** 18 **Activity Hours:** 36 **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

In this course, students are introduced to audio recording, live sound reinforcement, signal processors, microphones, reference monitors, room acoustics, Musical Instrument Digital Interface (MIDI), computers, music synthesis, and software applications. Emphasis is placed on the technical and creative utilization of audio equipment in conjunction with the production of audio recordings and live sound reinforcement.

MUSI 181B - Electronic Music Studio

Units: 2 **Lecture Hours:** 18 **Activity Hours:** 36 **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Music 181A with a minimum grade of C or equivalent

This course is a continuation of Music 181A. It further explores the use of audio recording processes, synthesizers, computer hardware and software, and recording equipment.

MUSI 182 - Digital Audio Recording for Commercial Music

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Music 181A with a minimum grade of C or equivalent

This course provides instruction on the functions and operations of digital music audio recording software such as Pro Tools. Emphasis is placed on recording, editing, and mixing digital audio in both Macintosh and PC computer environments.

MUSI 183 - Keyboarding for Commercial Music

Units: 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Recommended Preparation:* Music 101

This course is designed for students who plan to use the piano keyboard as a song writing and music theory tool. Students will acquire a basic knowledge of intervals, chords, melodic voicing, and chord progressions used in the construction of commercial songs and in music arranging. Techniques in transcription and re-harmonization are also included.

MUSI 190A - Applied Music/Private Lessons

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 72 to be arranged **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment:

Enrollment Limitation: audition

This course, by audition only, provides an introduction to music performance for students serious about pursuing music. Students will develop their techniques and skills in music performance through individual weekly lessons, class performances, and structured practice on campus. Attendance is required at selected musical events offered in the community.

MUSI 190B - Applied Music II

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 72 to be arranged **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Prerequisite: Music 190A and Music 101 with a minimum grade of C

This course for the music major is a recital workshop, which includes an individual weekly lesson. Emphasis is placed on developing technique and musicianship through class performances and structured practice on campus. Attendance is required at selected musical events offered and in the community.

MUSI 190C - Applied Music III

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 72 to be arranged **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Prerequisite: Music 190B and Music 103A with a minimum grade of C

This course for the continuing music major is a recital workshop emphasizing performance techniques and the development of intermediate level repertoire. Emphasis is placed on developing musicianship through class performances, structured practice on campus, and individual lessons. Attendance is required at selected musical events offered in the community.

MUSI 190D - Applied Music IV

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 72 to be arranged **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Prerequisite: Music 190C and Music 103B with a minimum grade of C

Corequisite: Music 203

Recommended Preparation: Music 215A or 215B

This course for the continuing music major is a recital workshop emphasizing performance techniques, historical performance practices, and the development of advanced level repertoire. Students will develop musicianship through class performances, structured practice on campus, and individual lessons. Attendance is required at selected musical events offered in the community.

MUSI 203 - Theory and Musicianship III**Units:** 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 180**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Music 103B with a minimum grade of C or equivalent**Recommended Preparation:** Music 215A or 215B

This course is a continuation of Music 103B and expands the study of tonal music by enlarging the harmonic vocabulary to include the remaining chromatic chords. Small form will be reviewed as a precursor to sonata form, and students will study enharmonic modulation, modes, instrumental transposition, and orchestral score reading. Appropriate exercises in sight-singing and dictation will accompany written work.

MUSI 215A - Music History and Literature Up to 1750**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course focuses on the major stylistic periods of music up to 1750. The evolution of Western art music from the time of ancient Greece and Rome until the end of the Baroque era will be presented in context with contemporaneous social, political, and artistic movements and events.

MUSI 215B - Music History and Literature -1750 to Present**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course focuses on the major stylistic periods of music from 1750 to 2000. The evolution of Western art music from the end of the Baroque era until the end of the 20th Century will be presented in context with contemporaneous social, political, and artistic movements and events.

MUSI 220 - Voice Class II**Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 18 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Music 120 with a minimum grade of C

This course continues the development of vocal technique, musicianship, style, and interpretation, with increased emphasis on repertoire development. Attendance at selected musical events is required.

MUSI 231A - Intermediate Piano I**Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 18 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Music 131B with a minimum grade of C or equivalent

This course continues the development of musical, technical and functional skills using selected intermediate repertoire representative of the style periods. Attendance at specified musical events is required.

MUSI 231B - Intermediate Piano II**Units:** 2 **Lecture Hours:** 36 **Lab Hours:**18 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Music 231A with a minimum grade of C or equivalent

This course continues the development of musical, technical and functional skills using selected intermediate and intermediate/advanced repertoire representative of the style periods, the Baroque, Classic, Romantic and Contemporary. Attendance at specified musical events is required.

MUSI 232 - Advanced Piano**Units:** 2 **Lecture Hours:** 36 **Lab Hours:**18 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Music 213B with a minimum grade of C or the equivalent

This course continues the development of musical, technical and functional skills using selected advanced repertoire representative of the style periods, the Baroque, Classic, Romantic and Contemporary. Attendance at specified musical events is required.

MUSI 247 - Intermediate Guitar**Units:** 2 **Lecture Hours:** 36 **Lab Hours:**18 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Music 147 with a minimum grade of C or the equivalent

This course is designed to explore guitar playing with a more focused approach. This course aims to provide the student with enough tools to continue study at a more stylistically-focused level upon completion. Students will be introduced to more advanced melody reading, moveable chord and scale types, advanced rhythm and strumming patterns, songwriting techniques, and improvisation.

MUSI 258 - Vocal Jazz Ensemble**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 72 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:****Conditions of Enrollment:****Enrollment Limitation:** Audition, Band/Orchestra

This course focuses on the rehearsal and performance of traditional and contemporary vocal jazz repertoire, accompanied by a small instrumental ensemble. Emphasis is placed on stylistic and historical performance practices, ensemble singing, improvisation, performance technique and musicianship. Performances include on-campus concerts, festivals and at local jazz venues. This course may be repeated four(4) times.

MUSI 259 - Music Production Workshop**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** ability to dance and act**Enrollment Limitation:** audition (students must be able to match pitch and sing a harmony part)

This course provides experience in a musical theatre production as a member of the chorus or as a soloist. Students will participate in the Kennedy Center American College Theater Festival (KCACTF) competition. This course may be repeated four (4) times.

MUSI 260 - Woodwind Ensembles**Units:** 1 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 18**Grading Method:** Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:****Enrollment Limitation:** audition (previous band or orchestra experience or ability to perform music of moderate difficulty on a standard woodwind instrument)

These ensembles rehearse and perform literature written for combinations of woodwinds in choirs of like instruments (all flutes, or clarinets, or saxophones) and mixed instruments. The ensembles include trios, quartets, quintets, and larger ensembles, and may be combined with non-woodwind instruments to complete the instrumentation appropriate to the selected literature. Performances are held on campus and in the community. This course may be repeated four(4) times.

MUSI 261 - Brass Ensembles**Units:** 1 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 18**Grading Method:** Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:****Enrollment Limitation:** audition (previous band or orchestra experience or ability to perform music of moderate difficulty on a standard brass instrument)

These ensembles rehearse and perform literature written for combinations of brass instruments. The ensembles include trios, quartets, quintets and larger ensembles, and may be combined with non-brass instruments to complete the instrumentation appropriate to the selected literature. Performances are held on campus and in the community. This course may be repeated four(4) times.

Note: Letter grade or pass/no pass option.

MUSI 262 - Percussion Ensembles**Units:** 1 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 18**Grading Method:** Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** previous band or orchestra experience or ability to perform music of moderate difficulty on a standard percussion instrument

These ensembles rehearse and perform literature written for combinations of melody and/or rhythm percussion instruments. The ensembles include trios, quartets, quintets and larger ensembles, and may be combined with wind or string instruments to complete the instrumentation appropriate to the selected literature. Performances are held on campus and in the community. This course may be repeated four(4) times.

Note: letter grade or pass/no pass option.

MUSI 264 - String Ensembles**Units:** 1**Lecture Hours:** 36**Lab Hours:** 0**Outside Hours:** 18**Grading Method:** Letter grade or pass/no pass option**Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:****Enrollment Limitation:** audition (previous band or orchestra experience or ability to perform music of moderate difficulty on a standard string instrument)

These ensembles rehearse and perform literature written for combinations of string instruments. The ensembles include trios, quartets, quintets, and larger ensembles, and may be combined with non-string instruments to complete the instrumentation appropriate to the selected literature. Performances are held on campus and in the community. This course may be repeated four(4) times.

Note: Letter grade or pass/no pass option.

MUSI 265 - Symphonic Band**Units:** 1**Lecture Hours:** 0**Lab Hours:** 72**Outside Hours:** 0**Grading Method:** Letter grade or pass/no pass option**Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:****Enrollment Limitation:** some high school band or orchestra experience or ability to perform music of moderate difficulty on a standard band instrument

This ensemble studies and performs compositions of moderate difficulty from the standard wind band repertoire. Emphasis is placed on stylistic and historical performance practices, playing techniques, and musicianship. Concerts are performed on and off campus. This course may be repeated four (4) times.

Note: Letter grade or pass/no pass option.

MUSI 266 - Studio Jazz Band**Units:** 1**Lecture Hours:** 0**Lab Hours:** 72**Outside Hours:** 0**Grading Method:** Letter grade or pass/no pass option**Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment****Enrollment Limitation:** audition

This intermediate ensemble rehearses and performs commercial big band music from the swing era. The literature includes works by composers such as Ellington, Basie, and Kenton, as well as opportunities for vocal jazz soloists. Emphasis is placed on section development, extended solos, and improvisation. Performances are held on campus and in the community. This course may be repeated four (4) times.

Note: Letter grade or pass/no pass option.

MUSI 267 - Concert Jazz Band**Units:** 1**Lecture Hours:** 0**Lab Hours:** 72**Outside Hours:** 0**Grading Method:** Letter grade or pass/no pass option**Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:****Enrollment Limitation:** audition

This advanced ensemble rehearses and performs a variety of music from the swing era to contemporary jazz written for the large standard jazz band instrumentation. Emphasis is placed on section development, improvisation, extended solos, and literature that is original and of increasing difficulty. Performances include campus concerts, as well as at local schools and in jazz festivals. This course may be repeated four(4) times.

Note: Letter grade or pass/no pass option.

MUSI 268 - Symphony Orchestra**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 72 **Outside Hours:** 0**Grading Method:** Letter **grade or pass/no pass option** **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:****Enrollment Limitation:** audition at first class meeting (ability to perform music of moderate difficulty on a standard orchestra instrument)

This ensemble rehearses and performs classics from the standard symphony orchestra repertoire. Emphasis is placed on stylistic and historical performance practices, playing techniques, and musicianship. Literature includes works for string and full orchestras, as well as solo and choral accompanying. Concerts are performed on and off campus. This course may be repeated four(4) times.

Note: Letter grade or pass/no pass option.

MUSI 269 - Guitar Ensemble**Units:** 1 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 18**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** Music 147A and 147B

Guitar ensemble is designed for guitarists who read standard musical notation in addition to basic chords. This class will include the rehearsal and performance of guitar ensemble literature from the Renaissance to the present, including music of the Baroque, Classical and Romantic eras, as well as Jazz and Rock styles. This course may be repeated four(4) times.

Note: Students must provide their own their acoustic or classical guitars.

MUSI 284 - Commercial Music Business Studies**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

In this course, students will examine the major components of the music industry. Topics will include publishing, copyrights, and recording/production contracts. Students will analyze industry trends, develop a comprehensive business plan, and explore job opportunities within the industry.

MUSI 285 - Songwriting for Commercial Music**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Music 101

In this course students will develop and improve their ability to write songs, lyrics, and melodies through analysis and application of techniques used by professional songwriters. Students will be introduced to contemporary music technology and an overview of the music business as they pertain to songwriting.

MUSI 290 - Intermediate Applied Music/Individual Lessons

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 72 **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Music 190D and Music 203 with a minimum grade of C

Corequisite: Music 215A or 215B

This course for the continuing, advanced applied music student is a recital workshop to enhance audition skills and build repertoire. Instruction includes an individual weekly lesson. The student is required to practice on-campus, to enroll and participate in a large performing ensemble at Compton College, and to attend selected musical events offered in the community. Selected students may perform in a public recital and occasional master classes.

MUSI 567 - Jazz Band for the Older Adult

Units: 0 **Lecture Hours:** 0 **Lab Hours:** 72 **Outside Hours:** 0

Grading Method: Noncredit **Credit Status:** Noncredit

Transfer: Not Transferable

Conditions of Enrollment:

Enrollment Limitation: audition (ability to perform music of moderate difficulty on a standard jazz instrument)

This ensemble for the older adult rehearses and performs traditional and contemporary jazz compositions. The literature includes works by composers such as Basie, Ellington, and Nestico, as well as opportunities for vocal jazz soloists. Emphasis is placed on section development, extended solos, and improvisation. Performances are combined with the Jazz Band or Big Band Jazz and are held on campus and in the community.

MUSI 96 - Cooperative Work Experience Education

Units: 2 - 4 **Lecture Hours:** 0 **Lab Hours:** Hours to be arranged

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: None

Enrollment Limitation: Employment or volunteer work in a position related to the student's major or career goal by the second week of the semester. Completion of or current enrollment in one course from the major.

Through a set of learning objectives established by the student, supervisor, and instructor, each student will work with and learn from experts in the Music field. These experiences will enable students to improve job skills, analyze career opportunities and requirements, and compare them to personal abilities and career expectations.

Note: The total units earned for CWEE may not exceed 16 units. Transfer limitations apply.

NURSING

NURS 103 - Nurse Assistant

Units: 5 **Lecture Hours:** 52 **Lab Hours:** 128 **Outside Hours:** 86

Grading Method: Letter **Credit Status:** Credit, not degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Applicants are required to obtain a complete physical examination, proof of negative Tuberculosis and Measles-Mumps-Rubella (NMR) and receive a Hepatitis B vaccination prior to Orientation Day. Clear background check of no DUI, misdemeanor, or felony convictions.

Recommended Preparation: English 84 and Mathematics 12

This course prepares the student to function as an entry-level worker on a health care team in a long-term care facility. The focus is on preparing the student to provide direct care to the patient/resident; to promote comfort measures; and collect, record and report data to licensed personnel. Principles of critical thinking, team building, ethics, caring and cultural sensitivity are integrated throughout the course.

NURS 143 - Introduction To Nursing**Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** English101 with a minimum grade of C; Mathematics 73 with a minimum grade of C or equivalent; and Psychology116 with a minimum grade of C or concurrent enrollment

In this introductory course students will examine the professional nurse's role and responsibilities in healthcare settings. Students will study the Nursing Program's philosophy which encompasses Maslow's and Kalish's Hierarchy of Human Needs and Watson's Theory of Human Caring. The students will apply and evaluate the impact of the nursing process when researching care of the patient with biophysical health conditions under the four domains of patient, professional nursing, health and illness and the healthcare environment. Specific emphasis will be placed on application of the nursing process, critical thinking, therapeutic communication, cultural, development, and diversity.

NURS 144 - Dosage Calculations**Units:** 2 **Lecture Hours:** 27 **Lab Hours:** 27 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Mathematics 73 with a minimum grade of C or equivalent and Nursing 143 with a minimum grade of C or concurrent enrollment.

This course is designed to help students develop the necessary skills to calculate accurate and safe medication dosages. Advanced problem solving, application of algebraic concepts, formulas, proportional relationships, system of measurement, and measurement system conversions will be incorporated. Designated lab time will include clinical scenarios involving correct medication formulas and calculations, the selection of correct medical equipment to prepare and administer various types of medication, careful reading and interpretation of sample medication orders, and evaluation of medication labels for safe administration.

NURS 146 - Health Assessment**Units:** 2 **Lecture Hours:** 27 **Lab Hours:** 27 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Anatomy 132 and Physiology 131 or Anatomy and Physiology 134 and 135; and Microbiology 133; and Medical Terminology 101; and Nursing 143 and 144 with a minimum grade of C in all prerequisites

This course will help the student develop and utilize physical assessment and history-taking skills necessary to care for the biophysical needs of patients. The course focuses on the communication techniques and critical thinking skills necessary to elicit a health history. Concepts of patient, professional nursing, health and illness, and the healthcare environment will be introduced. Physical assessment skills will be developed to determine normal and abnormal findings of various body systems, including a general survey assessment.

NURS 149 - Advanced Placement in Nursing

Units: 2.5 **Lecture Hours:** 36 **Lab Hours:** 27 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Nursing 144 and 146; and Medical Terminology 101 with a minimum grade of C in prerequisites

Enrollment Limitation: students must be admitted into the Nursing Program and students must have completed the Readiness Assessment Test – ATI Test of Essential Academic Skills (ATI-TEAS) with the state recommended passing score

This course introduces the Licensed Vocational/Practical Nurses (LVN/LPN) and transfer students from accredited nursing programs to concepts of nursing as they apply to the Compton College Nursing Program. Students will become familiar with the four domains of care which include patient, professional nursing, health and illness, and the healthcare environment. Emphasis will be on the role of the nurse as it relates to professional identity and caregiving. Core competencies will include communication, safety, critical thinking, and evidence-based practice. Course discussion will focus on transition to the professional nursing role and the impact of legal and ethical boundaries on health care delivery. Students will practice and demonstrate competency in basic nursing skills.

NURS 150A - Beginning Nursing Process and Fundamental Skills I

Units: 4 **Lecture Hours:** 45 **Lab Hours:** 81 (9-week course) **Outside Hours:** 90

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment:

Enrollment Limitation: admission to the Nursing Program

In this course, students gain the skills and knowledge necessary to provide basic nursing care to the individual and family. Concepts of basic human needs and structural variables such as age, sex, and ethnicity are studied. Select psychomotor skills such as dressing changes and medication administration are practiced in the skills and simulation labs in preparation for clinical practice.

NURS 150B - Beginning Nursing Process and Fundamental Skills II

Units: 3.5 **Lecture Hours:** 27 **Lab Hours:** 108 (9-week course) **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Nursing 150A with a minimum grade of C in the prerequisite

In this course, students will focus on the skills and knowledge needed to assess and care for a patient in the hospital setting. Emphasis will be placed on the nursing process, therapeutic communication, and providing basic care to the individual. Fundamental nursing skills such as medication administration will be carried out in the clinical setting. Particular emphasis will be placed on caring for the geriatric population. The nurse's ethical and legal responsibilities of patient care within the hospital setting will also be addressed.

NURS 151 - Human Development and Health

Units: 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment:

Enrollment Limitation: admission to the Nursing Program

This course is designed for nursing students to explore the impact of biopsychosocial growth and development principles from conception through death. The emphasis is on analyzing the impact of these principles on health. The nurse's role in applying this knowledge throughout the life span is explored through community observations and interview. Variables that influence health such as culture, family, and individual dynamics are examined and analyzed. This course sets the groundwork for initial clinical practice.

NURS 152 - Introduction to Nursing Pharmacology**Units:** 1 **Lecture Hours:** 18 **Lab Hours:** 0 **Outside Hours:** 36**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Prerequisite:* Nursing 150A or 151 with a minimum grade of C in prerequisite

This course is an introduction to clinical drug therapy. Major content areas include fundamental concepts of pharmacology; groups of therapeutic drugs; prototypes of drug groups; commonly prescribed individual drugs; interrelationships between body systems and drugs; and the role of the nursing process in prescribed drug therapy regimens. Legal and ethical implications will be examined.

NURS 153 - Intermediate Nursing Process I**Units:** 4.5 **Lecture Hours:** 36 **Lab Hours:** 135 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Prerequisite:* Nursing 150B, Nursing 151, and Nursing 152 with a minimum grade of C in prerequisite

This course will assist the student to meet the needs of adult patients with moderately severe disease states. Theory and utilization of the nursing process will focus on pathophysiological problems associated with the preoperative and postoperative periods. Students will examine problems associated with physical integrity, respiratory, activity-rest, ingestive, excretory, and sexuality needs.

NURS 154 - Intermediate Nursing Process and Mental Health**Units:** 4 **Lecture Hours:** 36 **Lab Hours:** 108 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Prerequisite:* Nursing 150B, Nursing 151, and Nursing 152 with a minimum grade of C in prerequisite

In this course, students will utilize the nursing process in caring for clients with varying degrees of mental health problems. Psychopharmacological therapies will be examined. Students will apply techniques of therapeutic communication, administer medications, and assume a leadership role in the clinical setting. In addition, students will utilize and maintain legal and ethical standards specific to mental health clients.

NURS 155 - Health Assessment**Units:** 1 **Lecture Hours:** 9 **Lab Hours:** 27 **Outside Hours:** 18**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:****Enrollment Limitation:** admission to the Nursing Program

This course will help the student to develop and utilize physical assessment and history-taking skills necessary to care for clients. The course focuses on the communication techniques and critical thinking skills necessary to elicit a health history. Physical Assessment skills will be developed to determine normal and abnormal findings of various body systems, including a general survey assessment. Results are analyzed during the clinical lab while using the nursing process.

NURS 156 - Advanced Nursing Pharmacology

Units: 1 **Lecture Hours:** 18 **Lab Hours:** 0 **Outside Hours:** 36

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Prerequisite: Nursing 151 and Nursing 152 with a minimum grade of C in prerequisite

This course offers an in-depth study of clinical drug therapy. The knowledge and intervention needed to maximize therapeutic effects and prevent or minimize adverse effects of drugs will be emphasized. Major content areas will include advanced pharmacological principles; major drug classifications; selected individual drugs; drug effects on body tissues; human responses to drug therapy and application of the nursing process. Anatomy, physiology, and microbiology concepts are correlated with various pathologies, emphasizing the effect(s) of drug therapy on body systems. Health teaching and legal and ethical issues are examined.

NURS 210 - Implications of Pathophysiology Concepts for Nurses

Units: 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Prerequisite: Nursing 153 with a minimum grade of C or licensed Registered Nurse or Vocational Nurse

In this course, the student will deepen their understanding of pathophysiology and the progressive effects of disease on the human body. Common single and multi-system disorders will be used to illustrate clinical relationships between the knowledge of pathophysiology, patient assessment, diagnostics, and management of care.

NURS 220 - Nursing Fundamentals

Units: 3.5 **Lecture Hours:** 36 **Lab Hours:** 81 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: Proposed CSU

Conditions of Enrollment: Prerequisite: Nursing 143, 144, and 146; Medical Terminology 101 with a minimum grade of C in all prerequisites

Enrollment Limitation: students must be admitted into the Nursing Program and students must have completed the Readiness Assessment Test – ATI Test of Essential Academic Skills (ATI-TEAS) with the state recommended passing score

This course introduces students to concepts related to the four domains of care which include the patient, professional nursing, health, and illness. The course further examines the nursing process as the foundation of nursing practice and emphasizes the delivery of care based on Maslow's and Kalish's Hierarchy of Human Needs and Watson's Model of Caring. Emphasis will be placed on the concepts of infection, thermoregulation, pain, tissue integrity, gas exchange, perfusion, safety, nutrition, elimination, mobility, sleep, culture, spirituality, caregiving, and the health care system. The student will gain a conceptual understanding of principles and be able to apply them in all areas of nursing practice.

NURS 222 - Medical Surgical Nursing - Older Adult

Units: 4 **Lecture Hours:** 36 **Lab Hours:** 108 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: Proposed CSU

Conditions of Enrollment: Prerequisite: Nursing 220 with a minimum grade of C

In this course, students will gain skills to assess and care for patients in the hospital setting. Emphasis will be placed on the care of the older adult population and includes critical thinking, legal and ethical issues within the nursing profession. Concepts include hormonal regulation, glucose regulation, perfusion, pain, communication, safety, functional ability, family dynamics, self-management and health promotion, intracranial regulation, cognition, interpersonal violence, ethics, health care law, sensory perception, mobility, and tissue integrity.

NURS 224 - Nursing Pharmacology

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: Proposed CSU

Conditions of Enrollment: *Prerequisite:* Nursing 143, Nursing 144 and 146; and Medical Terminology 101 with a minimum grade of C in prerequisites

Enrollment Limitation: students must be admitted to the Nursing Program

This course provides instruction from basic to advanced concepts and principles of pharmacology for nursing students. The knowledge and intervention needed to maximize therapeutic effects and prevent or minimize adverse effects of drugs will be emphasized. Major content areas will include advanced pharmacological principles, major drug classification, selected individual drugs, drug effects on body tissues, human responses to drug therapy, and the application of the nursing process. Anatomy, physiology, and microbiology concepts will be correlated with various pathologies, emphasizing the effects of drug therapy on body systems. Students will learn how to develop and present patient teaching plans. Legal and ethical issues will also be discussed.

NURS 226 - Nursing Skills Practicum I

Units: 0.5 **Lecture Hours:** 0 **Lab Hours:** 27 **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: Proposed CSU

Conditions of Enrollment: *Prerequisite:* Nursing 143, Nursing 144 and 146; and Medical Terminology 101 with a minimum grade of C in prerequisites

Enrollment Limitation: students must be admitted into the Nursing Program and students must have completed the Readiness Assessment Test – ATI Test of Essential Academic Skills (ATI-TEAS) with the state recommended passing score

In this course, students will apply theoretical concepts and practice skills to maintain and promote the four domains of care which includes the patient, professional nursing, health, illness, and the healthcare environment. Students will use the appropriate equipment and gain skill competency by practicing basic nursing skills in the skills lab. Competencies, as they relate to physical assessment, parenteral medication administration, wet-to-moist dressing change, nasogastric tube insertion, feeding and removal, and gastrostomy or jejunostomy feeding will be assessed. Emphasis will be placed on hands-on practice based on the following nursing concepts: medical and surgical asepsis, physical hygiene, vital signs, oxygenation, nutrition, body mechanics, elimination, and medication administration.

NURS 230 - Mental Health Nursing

Units: 3.5 **Lecture Hours:** 36 **Lab Hours:** 81 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: Proposed CSU

Conditions of Enrollment: *Prerequisite:* Nursing 220, Nursing 222, Nursing 224, and Nursing 226 with a minimum grade of C in prerequisites

Enrollment Limitation: students must be admitted to the Nursing Program

In this course, students will utilize the nursing process to care for clients with varying degrees of mental health problems. Psychopharmacological therapies will be examined. Students will apply techniques of therapeutic communication and assume a leadership role in the clinical setting. In addition, students will utilize and maintain legal and ethical standards specific to mental health patients.

NURS 232 - Obstetrical Patients and the Newborn**Units:** 2.5 **Lecture Hours:** 27 **Lab Hours:** 54 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** Proposed CSU**Conditions of Enrollment:** *Prerequisite:* Nursing 220, Nursing 222, Nursing 224, and Nursing 226 with a minimum grade of C in prerequisites**Enrollment Limitation:** students must be admitted to the Nursing Program

This course focuses on the theory and practical application of concepts related to obstetrical patients and the newborn. The nursing process will be utilized as the foundation of study and emphasis will be placed on the concepts of reproduction, health promotion, self-management, infection, technology & informatics, thermoregulation, perfusion, human sexuality, nutrition culture, and social/ethical aspects. The student will gain a conceptual understanding of principles in all areas specific to the obstetrical patient and the newborn.

NURS 234 - Pediatric Nursing**Units:** 2.5 **Lecture Hours:** 27 **Lab Hours:** 54 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** Proposed CSU**Conditions of Enrollment:** *Prerequisite:* Nursing 220, Nursing 222, Nursing 224, and Nursing 226 with a minimum grade of C in prerequisites**Enrollment Limitation:** students must be admitted to the Nursing Program

This course focuses on the theory and clinical application of concepts related to the nursing care of children and their families by emphasizing the holistic care of the child that include the developmental, physiological, psychosocial, cultural, and spiritual care of the child within the family unit. Health care concepts discussed in this course will include family dynamic development and functional abilities related to care of the child. Professional nursing concepts including clinical judgement, communication, ethical-legal, evidenced-based practice, health promotion, informatics, patient education, professionalism, safety, and collaboration will also be presented. The student will gain a conceptual understanding of principles and apply them in all areas specific to the pediatric patient.

NURS 238 - Nursing Skills Practicum II**Units:** 0.5 **Lecture Hours:** 0 **Lab Hours:** 27 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** Proposed CSU**Conditions of Enrollment:** *Prerequisite:* Nursing 220, Nursing 222, Nursing 224, and Nursing 226 with a minimum grade of C in prerequisites**Enrollment Limitation:** students must be admitted to the Nursing Program

In this course, students will develop mastery of basic care principles and complex nursing skills to include the following nursing concepts; medical and surgical asepsis, physical hygiene, vital signs, oxygenation, nutrition, body mechanics, elimination, fluid and electrolyte, acid-base balance and medication administration. Students will utilize the appropriate equipment and gain skill competency by practicing basic nursing skills in the skills lab. The nursing skills practicum course will assess the student's competencies, as they relate to physical assessment; urinary elimination, venipuncture, infusion pump and volitrol management, and glucose regulation.

NURS 240 - Intermediate Medical-Surgical Nursing I**Units:** 4 **Lecture Hours:** 36 **Lab Hours:** 108 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer: Proposed** CSU**Conditions of Enrollment: Prerequisite:** Nursing 230, Nursing 232, Nursing 234, and Nursing 238 with a minimum grade of C in prerequisites**Enrollment Limitation:** students must be admitted to the Nursing Program

In this course, students are introduced to adult patients with moderate to severe disease states. Theory and clinical practice will focus on the biophysical concepts in medical-surgical conditions. Students will examine problems associated with tissue integrity, nutrition, inflammation, perfusion, acid-base balance, fluid and electrolytes, elimination, hormonal and glucose regulation, functional ability, safety, sexuality, and self-management.

NURS 242 - Intermediate Medical-Surgical Nursing II**Units:** 4.5 **Lecture Hours:** 36 **Lab Hours:** 135 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer: Proposed** CSU**Conditions of Enrollment: Prerequisite:** Nursing 230, Nursing 232, Nursing 234, and Nursing 238 with a minimum grade of C in prerequisites**Enrollment Limitation:** students must be admitted to the Nursing Program

In this course, students will learn about therapeutic care for patients with moderate to severe disease states by utilizing the nursing process, biophysical and medical/surgical concepts. Emphasis will be placed on the role of nurse as patient advocate and manager of care in the clinical setting.

NURS 244 - Nursing Skills Practicum III**Units:** 0.5 **Lecture Hours:** 0 **Lab Hours:** 27 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer: Proposed** CSU**Conditions of Enrollment: Prerequisite:** Nursing 230, Nursing 232, Nursing 234, and Nursing 238 with a minimum grade of C in prerequisites**Enrollment Limitation:** students must be admitted to the Nursing Program

In this course, students will apply persistent hands-on practice in the skills lab. They will assimilate mastery of the basic to complex nursing skills based on following nursing concepts: medical and surgical asepsis, physical hygiene, vital signs, nutrition, body mechanics, elimination, fluid and electrolyte, acid-base balance and medication administration. Students will use the appropriate equipment and gain skill competency by practicing basic nursing skills in a safe, supportive and supervised environment in the on-campus skills lab. The student's competency as it relates to physical assessment, administration of blood products, venipuncture of all variation, and oxygenation will be assessed.

NURS 247 - Advanced Medical-Surgical Nursing I**Units:** 5 **Lecture Hours:** 36 **Lab Hours:** 162 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer: Proposed** CSU**Conditions of Enrollment: Prerequisite:** Nursing 240, Nursing 242, and Nursing 244 with a minimum grade of C in prerequisites**Enrollment Limitation:** students must be admitted to the Nursing Program

In this course, students will explore biophysical concepts, knowledge of the critically ill patient across the life span and promoting wellness in culturally diverse populations and nursing management essential to the care of acute/chronic, critical, and emergency nursing. Clinical practice of critical care nursing will occur in a variety of settings.

NURS 248 - Advanced Medical-Surgical Nursing II Preceptorship

Units: 2 **Lecture Hours:** 0 **Lab Hours:** 108 **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: Proposed CSU

Conditions of Enrollment: *Prerequisite:* Nursing 240, Nursing 242, Nursing 244, and Nursing 247 with a minimum grade of C in prerequisites

Enrollment Limitation: students must be admitted to the Nursing Program

This preceptorship course provides the nursing student, enrolled in their last semester of nursing school, an opportunity to work directly with a RN preceptor. This experience allows students to apply knowledge and skills gained throughout the nursing program. The experience assists the student in making a smooth transition from the learner role to the entry-level registered nurses role in a realistic clinical setting. Opportunities to implement leadership and management skills as well as decision-making and priority-setting utilizing legal and ethical principles will be provided.

NURS 250 - Intermediate Nursing Process and the Family

Units: 5.5 **Lecture Hours:** 54 **Lab Hours:** 135 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Nursing 153, 154, 155, and 156 with a minimum grade of C in prerequisites

This course focuses on the theory and clinical application of concepts related to the nursing care of families in the childbearing and childrearing stages. Using the nursing process, students will apply the Compton Nursing Program's theoretical framework to meet the basic needs of families as they move through the life stages of pregnancy, birth, and childhood. The importance of structural variables, physical assessment skills specific to maternal-child nursing, and pathological conditions that occur during childbirth, infancy, childhood, and adolescence will be emphasized.

NURS 251 - Legal and Ethical Considerations in Nursing

Units: 1 **Lecture Hours:** 18 **Lab Hours:** 0 **Outside Hours:** 36

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Nursing 153, 154, 155, and 156 with a minimum grade of C in prerequisites

In this course students will analyze the legal responsibilities associated with the scope of nursing practice as defined by the Board of Registered Nursing. Other parameters and standards of law impacting the nursing profession will be examined. Scenarios that pose ethical dilemmas for the registered nurse will be debated using ethical theories and principles.

NURS 253 - Intermediate Nursing Process II

Units: 4.5 **Lecture Hours:** 36 **Lab Hours:** 135 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Nursing 153, 154, 155, and 156 with a minimum grade of C in prerequisites

This course will assist the student in meeting the needs of clients with complicated disease states. The synthesis and integration of multiple assessment data in order to utilize the nursing process in caring for medical-surgical clients will be emphasized. Organization and prioritizing care for multiple clients will be stressed in the delivery of total patient care. Increased skill development of nursing procedures and collaborative nursing interventions will be emphasized in the clinical setting. Topics will include pain management, hematology, immunology, infectious diseases, oncology, palliation, and neurological dysfunctions.

NURS 254 - Advanced Nursing Process I**Units:** 7 **Lecture Hours:** 54 **Lab Hours:** 216 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Nursing 250, 251, and 253 with a minimum grade of C in prerequisites or equivalent

This course focuses on pathophysiologic concepts and nursing management essential to critical care and emergency nursing. Patients with acute and chronic cardiopulmonary, hepatic, renal, and multi-system dysfunction will be selected for critical care clinical experiences. Leadership and management skills are introduced and applied in the clinical setting. Students apply the nursing process and prioritize nursing care for a group of patients with multiple needs imbalances. The role of the nurse in the management of patient care following a disaster is presented and students participate in an actual disaster drill in a local hospital.

NURS 255 - Advanced Nursing Process II - Clinical Preceptorship**Units:** 2.5 **Lecture Hours:** 0 **Lab Hours:** 135 to be arranged **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Nursing 254 with a minimum grade of C or equivalent

This course will provide a clinical preceptorship experience for the advanced student nurse and the inactive Registered Nurse (RN) as well as the foreign Registered Nurse (RN) in transition. The student works under the supervision of a clinical nurse preceptor. This experience assists the student to make a smooth transition from the learner role to the entry level Registered Nurse role in a realistic clinical setting. Opportunities will be provided to implement leadership and management skills as well as decision making and priority setting utilizing legal and ethical principles.

NUTRITION AND FOODS**NFOO 110 - Nutrition****Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** English A

This course is an introduction to the basic principles of nutrition as they relate to the health and physical wellness of individuals. The topics covered include macronutrients, micronutrients, diet and health, weight management, dietary analysis, current nutrition trends, food safety, and physical fitness.

NFOO 115 - Nutrition for Infants and Young Children**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** English A

In this course, students study the nutrient needs of children from conception through puberty. Topics include nutrient sources and functions, energy balance, assessment of food intake according to current guidelines and standards, food safety and sanitation, policies and practices for child care food programs including public resources, menu planning, and integration of nutrition education into early childhood education programs.

PHILOSOPHY

PHIL 101 - Introduction to Philosophy

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Recommended Preparation: eligibility for English 101

This course introduces philosophical ideas and methods concerning knowledge, reality and values. Expected topics will include the sources and limits of knowledge, and the nature of reality. Other topics that may be examined from a philosophical perspective include the nature of the self, religion, science, language, beauty and art, political theory, or mind.

PHIL 101H - Honors Introduction to Philosophy

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: eligibility for English 101

This honors course, intended for students in the Honors Transfer Program, introduces philosophical ideas and methods concerning knowledge, reality and values. Expected topics will include the sources and limits of knowledge, and the nature of reality. Other topics that may be examined from a philosophical perspective include the nature of the self, religion, science, language, beauty and art, political theory, or mind. This course is enriched through extensive, rigorous reading, writing, and research assignments.

Note: Students may take either Philosophy101 or Philosophy101H. Duplicate credit will not be awarded.

PHIL 103 - Ethics and Society

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Recommended Preparation: eligibility for English 101

This course offers a critical study of the major ethical theories and their application to contemporary moral issues, such as abortion, the death penalty, poverty, war, and euthanasia.

PHIL 105 - Critical Thinking and Discourse

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Prerequisite: English101 with a minimum grade of C

This course focuses on the study and development of critical reasoning and effective argumentation. Emphasis is placed on the application of critical thinking skills to the production of clear, well-argued position and advocacy papers and to the linguistic and logical analysis of the writings of others. Students' papers and other writings will total a minimum of 6,000-8,000 words.

PHIL 105H - Honors Critical Thinking and Discourse**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** English 101 or 101H with a minimum grade of C

This honors course, intended for students in the Honors Transfer Program, focuses on the study and development of critical reasoning and effective argumentation. Emphasis is placed on the application of critical thinking skills to the production of clear, well-argued position and advocacy papers and to the linguistic and logical analysis of the writings of others. Students' papers and other writings will total a minimum of 6,000-8,000 words. This course is enriched through extensive rigorous reading, writing, and research assignments.

Note: Students may either take Philosophy105 or Philosophy105H. Duplicate credit will not be awarded.

PHIL106 - Introduction to Symbolic Logic**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course focuses on the representation of arguments for formal analysis, and the skills and techniques needed to do so effectively. The focus will be on the basic elements of classical and propositional logic with a brief introduction to predicate logic. Also discussed will be informal fallacies, inductive logic, and language.

PHIL111 - History of Ancient and Medieval Philosophy**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course offers a chronological examination of Western philosophical thought developed between 600 B.C.E. and 1300 C.E., including the principal ancient and medieval philosophies of this time period. Topics include Greek and Roman thought, and the rise and development of Christianity.

PHIL112 - History of Modern Philosophy**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course addresses 16th through 18th century Western philosophy with an emphasis on broad epistemological and metaphysical developments in philosophical thought from Descartes to Kant, and may include some precursors and successors. Some of the concepts explored include empiricism, rationalism, idealism, the limits of knowledge, skepticism, the nature of reality, and arguments for and against the existence of God.

PHIL115 - Existentialism**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course will examine the philosophical thought of the two strands of existentialist writers: the religious existentialists such as Kierkegaard, Dostoevsky, and Heidegger, and the atheistic existentialists such as Nietzsche, Camus, and Sartre. Issues that will be examined include authenticity, free will, responsibility for one's character and actions, the essence, possibilities and limits of human beings, and the meaning of life.

PHYSICAL EDUCATION**PE 217 - Sports Officiating****Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC***Conditions of Enrollment: Recommended Preparation:** English 84 and English B

This course provides instruction in the basic principles and applications of sports officiating. A range of topics including officiating objectives, conduct, communication skills, conflict management, fitness, legal rights and responsibilities, and career development will be discussed.

**Note: Some UC transferable courses have credit limitations. For details, see a counselor, the Transfer Center adviser, or the articulation officer.*

PE 260 - Basic Principles of Fitness and Weight Control**Units:** 1 **Lecture Hours:** 18 **Lab Hours:** 0 **Outside Hours:** 36**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Corequisite:** Physical Education 102, 103, 104, 110, 113, 118, 122, 125, 127, 128, 130, 138 or 150**Recommended Preparation:** eligibility English A and English 84

Students receive basic instruction for implementing physical activity programs for personal health and fitness. Guidelines for developing aerobic fitness, muscle strength and tone, flexibility, and life-long physical activity are presented in the context of reducing health risk factors, enhancing well-being, and maintaining long-term weight management. Basic nutritional recommendations are provided in support of these objectives.

PE 270 - Fitness and Sports Nutrition**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** eligibility for English A and Mathematics 23

This course examines the nutritional and dietary requirements of physically active adults and those involved in athletic competition. The course emphasizes optimal nutrition regimens as an integral part of overall health and peak performance. Emphasis is placed on human nutrition needs, the role of supplements as ergogenic aids, and the integration of diet and exercise in achieving optimal body composition.

PE 272 - Care and Prevention of Athletic Injuries

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Recommended Preparation: eligibility for English 101

This course provides the future athletic trainer, as well as coach and health care professional, the concepts surrounding the profession of athletic training. Emphasis is placed on the principles, techniques, and ethics in the prevention and care of athletic injuries. Study areas include the sports medicine team, legal issues, risk management, pathology of injury, management skills, and specific sports injuries and conditions.

PE 275 - Sport Psychology

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: eligibility for English 101 and Psychology 101

This course is a scientific study of the psychological factors associated with participation and performance in sport activities. Emphasis will be placed on how psychological principles and research can be used to understand and enhance sport performance. Topics will include historical and theoretical perspectives of sport psychology, research methods, and the relationship between sport performance and various personality, motivational, and social psychological variables. Gender and age issues, as well as the effects and management of unhealthy behaviors, will be discussed.

PE 277 - Introduction to Kinesiology

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Recommended Preparation: eligibility for English 101

This course is an introduction to the interdisciplinary approach to the study of human movement. It provides an overview of the importance of the sub-disciplines of kinesiology including the historical, professional, and philosophical foundations. Specialties such as exercise science, biomechanics, athletic training, physical therapy, fitness, teaching, coaching, sport psychology, and adapted physical education are surveyed for their scope and career options.

PE 280 - Exercise and Nutrition Programs for Fitness and Weight Management

Units: 3 **Lecture Hours:** 36 **Activity Hours:** 36 **Outside Hours:** 90

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: eligibility for English A and English 84

Students will be given guidelines for the design of individual exercise programs of aerobic fitness, weight loss, and development of muscle mass, muscle strength, and joint flexibility. Nutritional support for optimizing these fitness objectives is integrated throughout the course. Students participate in both classroom discussions and relevant exercise training. Measurement of aerobic fitness, body composition, and tests of muscle function will be conducted to guide exercise and dietary recommendations.

PE 290 - Personal Fitness Trainer

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Recommended Preparation:* English 84 and Mathematics 23

This course provides the scientific foundations and practical experience required by Personal Fitness Trainers for certification by agencies such as American College of Sports Medicine (ACSM), National Strength Coaches Association (NSCA), National Academy of Sports Medicine (NASM), and others. The course is broad-based, with topical areas including basic exercise physiology, biomechanics, fitness assessments, exercise prescriptions, fitness training principles, nutrition, weight management, and work with special populations. The business aspects of Personal Training are also reviewed.

Activity Courses:

PE 102 - Walking for Fitness

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: None

This course is designed to provide students with a foundation of aerobic fitness through walking. Students will progress from shorter duration, lower intensity walks to exercise sessions that include longer duration, higher intensity exercise and power walking. Conditioning programs will emphasize development of endurance, progressive increases in caloric expenditure, and improvements in body composition. Strategies for the prevention of injuries will be addressed. Successful completion of the course will result in improved aerobic fitness, increased caloric expenditure, and the ability to construct effective walking programs for continued benefit.

PE 103 - Boot Camp Fitness Training

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: None

This course offers an intense, highly regimented, military style of physical conditioning. Disciplined forms of exercise include use of body weight, simple apparatus and calisthenics to develop aerobic and muscle fitness.

PE 104 - Basketball

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: None

This course offers instruction and practice in the skills of basketball for the beginning to advanced player. Offensive and defensive skills, such as footwork, dribbling, passing, and shooting, are taught along with defensive positioning and rebounding. Rules of the game will be covered along with game strategies and tournament play.

PE 107 - Baseball

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: None

Students are introduced to the sport of baseball through instruction and practice. Topics include batting, fielding, and base running skills as well as rules and game strategy. Students will participate in game situations that allow execution of skills and strategies in a competitive environment. A conditioning program specific to the sport will also be utilized.

PE 110 - Body Conditioning and Physical Fitness

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: None

This course provides students with a fitness foundation through the means of cardiorespiratory endurance training, muscular strength and endurance training, and flexibility exercises. Students assess health-related components of fitness, set fitness goals, and monitor progression. Special emphasis is paid to the design and execution of a personalized exercise prescription.

PE 113 - Volleyball

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: None

This course provides instruction and practice in the skills of volleyball. Skill progressions of serving, passing, setting, spiking, digging and blocking are taught. Game strategies as applied to two person, four person and six person teams will be covered. Offensive and defensive systems as well as formations and line-ups are included. Tournaments are also included in this course, allowing the students to execute the skills in a competitive environment. The rules of both the indoor and outdoor games will be covered. Specific conditioning for the game of volleyball is also incorporated.

PE 118 - Beginning Boxing

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: None

This course examines the skills, rules, etiquette, and strategies for the beginning boxer. Students will utilize correct body positioning and footwork as well as the principles and mechanics of punches and defenses. The training aspects of boxing as well as conditioning and fitness strategies will also be covered.

PE 119 - Intermediate Boxing

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC
Conditions of Enrollment: None

This course expands on the skills and knowledge of beginning boxing. Students will advance from basic boxing fundamentals to intermediate level techniques and sparring, while enhancing balance, cardiorespiratory endurance, core and strength training.

PE 122 - Cardio Fitness and Body Sculpting

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: None

This course focuses on the basic principles of cardiorespiratory conditioning and body sculpting. Emphasis is placed on exercise techniques and the development of cardiorespiratory endurance, muscle endurance, flexibility, and body composition. Fitness assessments are used to develop personalized self-paced workouts.

PE 125 - Weight Training

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: None

This course offers basic through advanced instruction in the theory and techniques of progressive resistance exercise training. Course content includes basic muscle anatomy, individual goal setting and progress monitoring, exposure to a variety of training systems, and specific application of methods to individual goals and needs.

PE 127 - Yoga for Health and Fitness

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: None

This course is designed to improve both fitness and health through mind and body integration. Yoga postures (asanas) are woven together to provide a workout that targets the body, but does not emphasize any religion or philosophy. Breathing while performing the asanas is stressed. Various styles of Hatha Yoga will be introduced. This course will give the student both the knowledge and the practice to move toward improved health, fitness and mind and body awareness.

PE 128 - Power Vinyasa Yoga

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* Physical Education 127

This course is a challenging physical yoga practice designed to build significant strength, endurance, concentration, as well as flexibility. It is an athletic form of asana that appeals to students who want to learn how to take their fitness to the next level by practicing yoga.

PE 130 - Beginning Soccer

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: None

This course will provide instruction for beginning soccer players. Technical skills taught will include passing, controlling the ball, heading, shooting, tackling, and dribbling the soccer ball. Basic soccer strategies will be introduced and students will gain a working knowledge of the Laws of Soccer. Students will learn the importance of fitness in order to be able to perform the technical aspects of soccer.

PE 131 - Intermediate Soccer**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** PE130 - Beginning Soccer

This course will provide instruction for soccer players who have reached the intermediate level of technical competency on the soccer field. Emphasis will be placed on four areas of the game: technical ability, tactical understanding, physical fitness, and the mental approach necessary to compete successfully. In addition there will be further discussion on the Laws of the Game, equipment, etiquette, flexibility and fitness.

PE 134 - Badminton**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** None

This course provides instruction and practice in the skills of badminton for the beginner to the advanced player. Progressions of skills include serving, clears, net shots, smash and drive. Rules, strategy and etiquette will be covered. Opportunities for singles and doubles competition in tournament play is included in the course.

PE 138 - Circuit Training**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** None

This course focuses on the concept of circuit training: a sequence of exercises performed with minimal rest periods between exercise stations. Emphasis is placed on the development of cardiorespiratory endurance, muscular endurance, core conditioning and body composition. Assessments of fitness components will be used to develop exercise prescriptions.

Intercollegiate Athletic Courses:**PE 150 - Sport-Specific, Periodized Training for Athletes****Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Recommended Preparation:* high school varsity experience or equivalent skill

Students will engage in physical conditioning that is specific to their sport. Training will be periodized with changes in training variables occurring at prescribed intervals and phases of training. Athlete's strengths and weaknesses in performing their sport will be assessed; injury risk will be identified. Test results, athlete goals, and coaches' input will be used to develop individual training programs to optimize physical conditioning and reduce risk of injury during any phase of the athlete's training year. This course may be taken four(4) times.

PE 154 - Women's Intercollegiate Badminton Team**Units:** 3 **Lecture Hours:** 0 **Lab Hours:** 180 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction, training, and practice in the advance techniques of badminton and the opportunity for intercollegiate competition. Student athletes will compete against conference schools and other colleges.

Note: This course is only offered in the spring semester and may be taken three (3) times.

PE 155 - Off-season Training for Women's Intercollegiate Badminton Team**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course is open to team candidates and athletes for off-season badminton training. All participants will engage in an off-season program stressing instruction, skill development, strength training and cardiovascular conditioning.

Note: Course offered during the fall semester only and may be taken three(3) times.

PE 158 - Men's Intercollegiate Baseball Team**Units:** 3 **Lecture Hours:** 0 **Lab Hours:** 180 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction, training, and practice in the advanced techniques of baseball and the opportunity for intercollegiate competition. Students will compete against conference schools and other colleges.

Note: This course is offered in the spring semester only and may be taken three (3) times.

PE 159 - Off-Season Training for Men's Intercollegiate Baseball**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction and practice in the advanced techniques of baseball. All students will engage in an off-season program emphasizing instruction, game tactics, skill development, strength training, and conditioning.

Note: This class is offered in the fall semester and summer session only and may be taken three (3) times.

PE 162 - Men's Intercollegiate Basketball Team**Units:** 3 **Lecture Hours:** 0 **Lab Hours:** 180 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction, training, and practice in the advanced techniques of basketball and the opportunity for intercollegiate competition. Student athletes will compete against conference schools and other colleges.

Note: This course is offered in the fall semester only and may be taken three (3) times.

PE 163 - Off-Season Training for Men's Intercollegiate Basketball Team**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction and practice in the advanced techniques of basketball. All students will engage in an off-season program emphasizing instruction, skill development, strength training, and conditioning.

Note: This course is offered in the spring semester and summer session only and may be taken three (3) times.

PE 164 - Women's Intercollegiate Basketball Team**Units:** 3 **Lecture Hours:** 0 **Lab Hours:** 180 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction, training, and practice in the advanced techniques of basketball and the opportunity for intercollegiate competition. Student athletes will compete against conference schools and other colleges.

Note: This course is offered in the fall semester only and may be taken three (3) times.

PE 165 - Off-Season Training for Women's Intercollegiate Basketball Team**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction and practice in the advanced techniques of basketball. All students will engage in an off-season program emphasizing instruction, skill development, strength training, and conditioning.

Note: This course is offered in the spring semester and summer session only and may be taken three(3) times.

**Some UC transferable courses have credit limitations. For details, see a counselor, the Transfer Center adviser, or the articulation officer.*

PE 167 - Intercollegiate Cross Country Teams**Units:** 3 **Lecture Hours:** 0 **Lab Hours:** 180 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction and training in the exercise techniques and principles required for successful development in cross country distance running and the opportunity for intercollegiate competition. Student athletes will compete against conference schools and other colleges and universities.

Note: This course is offered in the fall semester only and may be taken three(3) times.

**Some UC transferable courses have credit limitations. For details, see a counselor, the Transfer Center adviser, or the articulation officer.*

PE 168 - Off-Season Training for Intercollegiate Cross Country Teams**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction and training in the exercise techniques and principles required for successful development in cross country distance running and intercollegiate competition. All students will engage in an off-season program emphasizing instruction, skill development, strength training, and conditioning. This course may be taken three(3) times.

PE 170 - Men's Intercollegiate Football Team**Units:** 3 **Lecture Hours:** 0 **Lab Hours:** 180 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction and practice in the advanced offensive and defensive techniques and strategies of football and the opportunity for intercollegiate competition. Student-athletes may compete against conference schools and other colleges.

Note: This course is offered in the fall semester only and may be taken three(3) times.

PE 171 - Off-Season Training for Men's Intercollegiate Football Team**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction, training, and practice in the advanced techniques of football. All students will engage in an off-season program emphasizing instruction, skill development, strength training, and conditioning.

Note: This course is offered in the spring semester and summer session only and may be taken three(3) times.

PE 174 - Men's Intercollegiate Soccer Team**Units:** 3 **Lecture Hours:** 0 **Lab Hours:** 180 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides practice and instruction in the advanced techniques of soccer leading to intercollegiate competition with member schools of the South Coast Conference and other colleges.

Note: This course is offered in the fall semester only and may be taken three (3) times.

PE 175 - Off-Season Training for Men's Intercollegiate Soccer Team**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course is designed for off-season soccer training. Students will engage in an off-season program stressing instruction, skill development, strength training, and cardiovascular conditioning.

Note: This course is offered in the spring semester and summer session only and may be taken three (3) times.

PE 177 - Women's Intercollegiate Soccer Team**Units:** 3 **Lecture Hours:** 0 **Lab Hours:** 180 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction, training, and practice in the advanced techniques of soccer and the opportunity for intercollegiate competition. Student athletes may compete against conference schools and other colleges.

Note: This course is offered in the fall semester only and may be taken three (3) times.

PE 178 - Off-Season Training for Women's Intercollegiate Soccer Team**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction and practice in the advanced techniques of soccer. All students will engage in an off-season program emphasizing instruction, skill development, strength training, and conditioning.

Note: This course is offered in the spring semester and summer session only and may be taken three (3) times.

PE 180 - Women's Intercollegiate Softball Team**Units:** 3 **Lecture Hours:** 0 **Lab Hours:** 180 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction, training, and practice in the advanced techniques of softball and the opportunity for intercollegiate competition. Students will compete against conference schools and other colleges.

Note: This course is offered in the spring semester only and may be taken three (3) times.

**Note: Some UC transferrable courses have credit limitations. For details, see a counselor, the Transfer Center advisor, or articulation officer.*

PE 181 - Off-Season Training for Women's Intercollegiate Softball Team**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction and practice in the advanced techniques of softball. All students will engage in an off-season program emphasizing skill development, conditioning, and strategies of the game. This course may be taken three(3) times.

PE 183 - Intercollegiate Track and Field Teams**Units:** 3 **Lecture Hours:** 0 **Lab Hours:**180 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction, training, and practice in the advanced techniques of track and field. Students will have the opportunity for intercollegiate competition and will compete against conference schools and other colleges.

Note: This course is offered in the spring semester only and may be taken three (3) times.

PE 184 - Off-Season Training for Intercollegiate Track and Field Teams**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction and practice in the advanced techniques of track and field. All students will engage in an off-season program emphasizing instruction, skill development, strength training, and conditioning.

Note: This course is offered in the fall semester and summer session only and may be taken three (3) times.

PE 186 - Women's Intercollegiate Volleyball Team**Units:** 3 **Lecture Hours:** 0 **Lab Hours:** 180 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction and practice in the advanced techniques of women's volleyball. Students will compete against member schools of the South Coast Conference and other colleges.

Note: This course is offered in the fall semester only and may be taken three (3) times.

PE 187 - Off-Season Training for Women's Intercollegiate Volleyball**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** high school varsity experience or equivalent skill

This course provides instruction and practice in the advanced techniques of women's volleyball. Emphasis is placed on advanced skill training. Offensive and defensive systems, game strategy, and specific conditioning for volleyball are incorporated.

Note: This course is offered in the spring semester and summer only and may be taken three (3) times.

PHYSICAL SCIENCES

PSCI 125 - Exploring Physical Sciences

Units: 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC*

Conditions of Enrollment: *Recommended Preparation:* English 84

This course is a broad based introductory study of the physical sciences for future elementary and middle school educators. The topics covered are part of the California science standards and are designed to introduce physics and chemistry. Topics include: energy, forces, motion, magnetism, electricity, gravitational interactions, properties of light and sound, changes of state, physical properties, atomic structure, and chemical changes. Drawing from their own observations and laboratory experiments, students will develop concepts and construct models that can predict outcomes of experiments.

**Note: Students will not receive UC credit for Physical Science125 if taken after a college level chemistry or physics class*

PHYSICS

PHYS 111 - Descriptive Introduction to Physics

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* eligibility for English 84

This course utilizes lectures and demonstrations to present various principles of physics in a non-mathematical manner. Newton's Laws of motion and gravitation, momentum, work, energy, and heat will be presented. Other topics will be selected from properties of matter, fluids, sound, light, electricity and magnetism, atomic and modern physics, special and general relativity.

PHYS 112 - Laboratory for Introductory Physics

Units: 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Physics 111 with a minimum grade of C in prerequisite or concurrent enrollment

This laboratory course is designed to give the student an opportunity to experimentally reinforce some of the fundamental concepts of physics studied in Physics111.

PHYS 120 - General Physics

Units: 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC*

Conditions of Enrollment: *Prerequisite:* Mathematics170 with a minimum grade of C in the prerequisite or the equivalent

This course is part of a one-year algebra- and trigonometry-based survey of physics. Topics covered include kinematics, statics, dynamics, momentum, energy, rotation, gravitation and planetary motion, fluids, kinetic theory of gases, and thermodynamics. In addition, the course covers elasticity and vibration, wave motion, interference, standing waves, and sound.

**Note: the maximum UC credit allowed for students completing Physics 120, 122 and Physics 150, 152, 250, 252 is one series.*

PHYS 122 - General Physics

Units: 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC*

Conditions of Enrollment: Prerequisite: Physics 120 with a minimum grade of C in prerequisite

This course is part of a one-year algebra- and trigonometry-based survey of physics. Topics covered include electric forces and fields, electric energy, electric circuits, magnetism, electromagnetic waves, geometric optics, wave optics, applied optics, relativity, electrons and photons, atomic structure, the nucleus, applied nuclear physics, and particle physics.

**Note: the maximum UC credit allowed for students completing Physics 120, 122 and Physics 150, 152, 250, 252 is one series.*

PHYS 150 - Mechanics of Solids

Units: 4 **Lecture Hours:** 72 **Lab Hours:** 36 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC*

Conditions of Enrollment: Prerequisite: One year of high school Physics or Physics 120 and Mathematics 190 with a minimum grade of C in prerequisite or concurrent enrollment

This is the first course in a four-semester calculus-based physics sequence designed for students with majors in engineering and the physical sciences. The course focuses on the mechanics of solids, with topics including statics, kinematics, Newton's Laws, energy, power, linear and angular momentum, rotational dynamics, elasticity, simple harmonic motion, and gravitation.

**Note: the maximum UC credit allowed for students completing Physics 120, 122 and Physics 150, 152, 250, 252 is one series.*

PHYS 152 - Fluids, Heat and Sound

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 36 **Outside Hours:** 72

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC*

Conditions of Enrollment: Prerequisite: Physics 150 with a minimum grade of C; Mathematics 191 with a minimum grade of C or concurrent enrollment

This is the second course in a four-semester calculus-based physics sequence designed for students with majors in engineering and the physical sciences. This course focuses on fluids, thermodynamics, and wave phenomena, with topics including fluids, statics and dynamics, gas laws, heat transfer, engines, the first and second laws of thermodynamics, and sound.

**Note: The maximum UC credit allowed for students completing Physics 150, 152, 250, 252 and Physics 120, 122 is one series.*

PHYS 250 - Electricity and Magnetism

Units: 4 **Lecture Hours:** 72 **Lab Hours:** 36 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC*

Conditions of Enrollment: Prerequisite: Physics 150 with a minimum grade of C and Mathematics 191 with a minimum grade of C

This course details the mathematical and physical description of Coulomb's Law, electric field and potential, Gauss's Law, DC circuit analysis with Ohm's Law and Kirchhoff's Law, AC circuit analysis with phase diagrams, elementary electronics, capacitance, magnetic fields and their effect on moving charges and currents, magnetic fields produced by various current configurations, induced emf, mutual and self-inductance, basic theory of dielectrics, magnetic properties of materials and Maxwell's Equations in integral and differential form.

**Note: the maximum UC credit allowed for students completing Physics 120, 122 and Physics 150, 152, 250, 252 is one series.*

PHYS 252 - Optics and Modern Physics**Units:** 4 **Lecture Hours:** 72 **Lab Hours:** 36 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC***Conditions of Enrollment: Prerequisite:** Physics 150 with a minimum grade of C and Mathematics 191 with a minimum grade of C

This is the fourth course in four-semester calculus-based physics sequence intended for students entering majors in engineering and the physical sciences. The topics covered include geometric and physical optics, special relativity, quantum mechanics, nuclear physics, and selected topics in modern physics.

**Note: the maximum UC credit allowed for students completing Physics 120, 122 and Physics 150, 152, 250, 252 is one series.*

PHYS 99 - Independent Study**Units:** 1 - 3 **min Lecture Hours:** 54 **max Lecture Hours:** 162**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU***Conditions of Enrollment:** None**Enrollment Limitation:** Two courses in the major Physics series with a minimum grade of B in each and acknowledgment by the instructor with whom the student will work

This course provides special advanced studies in a subject field of Physics not covered in the regular departmental offerings. Regular conferences with the instructor are coordinated with assigned Physics projects (54 hours per unit).

**Note: Transfer limitations apply.*

PHYSIOLOGY**PHYO 131 - Human Physiology****Units:** 4 **Lecture Hours:** 36 **Lab Hours:** 108 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC***Conditions of Enrollment: Prerequisite:** Anatomy 132 and Chemistry 102 or 104 or 120 with a minimum grade of C in prerequisite

This course is a study of cellular physiology and the functional aspects of the following human body systems: circulatory, respiratory, digestive, excretory, reproductive, muscle, nervous and endocrine. In the laboratory, experiments are performed to demonstrate principles discussed in lecture. This course is designed primarily for those majoring in the Health Sciences.

**Note: The maximum UC credit allowed for students completing Anatomy 132 and Physiology 131 is two courses.*

POLITICAL SCIENCE**POLI 101 - Governments of the United States and California****Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC***Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is a survey of the concepts, theories, and functions of the American political system. The basic principles of the United States Constitution and the government of California will be examined. Emphasis will be placed on the formal and informal influences of federalism on national and state governments.

**Note: Some UC transferable courses have credit limitations. For details, see a counselor, the Transfer Center advisor, or the articulation officer.*

POLI 101H - Honors Governments of the United States and California**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This honors course, intended for students in the Honors Transfer Program, is a survey of the concepts, theories, and functions of the American political system. The basic principles of the United States Constitution and the government of California will be examined. Emphasis will be placed on the formal and informal influences of federalism on national and state governments. This course is enriched through extensive, rigorous reading, writing, and research assignments.

Note: Students may take either Political Science101 or Political Science101H. Duplicate credit will not be awarded for Political Science101 and Political Science101H.

POLI 102 - Introduction to Comparative Politics**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation: Political Science101 and** eligibility for English 101

In this course students will analyze political systems of different countries in a comparative context. Emphasis will be placed on studying the differences and similarities of governmental systems found in developed democratic nation-states. Developing countries, regional systems, and new democracies will also be analyzed to illustrate the complex nature of creating and maintaining a functioning nation-state system.

POLI 103 - Introduction to Principles and Methods of Political Science**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course focuses on analysis of the basic concepts, political theories and subfields of political science. Major topics include a description of the methodology and research techniques employed by contemporary political scientists. Major political theories of the individual and the state, and the impact of these themes on modern political ideologies will also be examined.

POLI 105 - Ethnicity in the American Political Process**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

In this course students will analyze racial and ethnic group relations in the context of the American political system and process. The relationship of racial and ethnic groups in American society to local, state, and national governments will be examined. Emphasis is placed on problems of assimilation and integration into the American political system.

POLI 106 - Civil Rights and Liberties in the United States**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course introduces students to the study of civil rights and liberties based on current legislation and pertinent court decisions. Emphasis is placed on freedom of speech, religion and press, rights of the defendant, and equal protection issues of minority groups facing discrimination.

POLI 107 - Political Philosophy**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

In this course, students will examine political theory as presented in the primary works of major Western thinkers from Plato to Marx. Fundamental issues to be explored include human nature, justice, power, the role of the state, and the legitimate scope of government.

POLI 110 - Introduction to International Relations**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** Political Science 101 and eligibility for English 101

In this course students will examine the factors that determine the relations between nations and the problems that result from the interplay of these factors. The conditions that can lead to both conflict and cooperation among nations will be examined. Major topics include international security, issues of international political economy, and international organizations. International law and diplomacy are examined as alternative means of resolving conflict.

POLI 110H - Honors Introduction to International Relations**Units:** 3 **Lecture Hours:** 0 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Political Science 101 or 101H and eligibility for English 101

This honors course, intended for students in the Honors Transfer Program, students will examine the factors that determine the relations between nations and the problems that result from the interplay of these factors. The conditions that can lead to both conflict and cooperation among nations will be examined. Major topics include international security, issues of international political economy, and international organizations. International law and diplomacy are examined as alternative means of resolving conflict. This course is enriched through extensive, rigorous reading, writing, and research assignments.

**Note: Students may take either Political Science 110 or Political Science 110H. Duplicate credit will not be awarded for Political Science 110 or Political Science 110H.*

***Note: Some UC transferable courses have credit limitations. For details, see a counselor, the Transfer Center advisor, or the articulation officer.*

PSYCHOLOGY

PSYC 101 - General Psychology

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Recommended Preparation: eligibility for English 101

This course is a survey study of human behavior and mental processes with an emphasis on basic theory and research generated by the scientific method. Major topics include psychobiology, learning, human cognition, personality, lifespan development, psychological disorders, therapeutic approaches, and social psychology.

PSYC 101H - Honors General Psychology

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: eligibility for English 101

This honors course, intended for students in the Honors Transfer Program, is a survey study of human behavior and mental processes with an emphasis on basic theory and research generated by the scientific method. Major topics include psychobiology, learning, human cognition, personality, lifespan development, psychological disorders, therapeutic approaches, and social psychology. This course is enriched through extensive, rigorous reading, writing, and research assignments.

Note: Students may take either Psychology 101 or Psychology 101H. Duplicate credit will not be awarded for Psychology 101 and Psychology 101H.

PSYC 102 - Psychology for Effective Living

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Recommended Preparation: eligibility for English 101

This course is a study of personal development and adjustment in society as well as the psychosocial and cultural influences on childhood, adolescence, and adulthood. Emphasis on the application of psychological research and theories to the development of social skills and personal adjustments as well as practical approaches to problems of personal development and social relationships will be examined.

PSYC 107 - Physiological Psychology

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Prerequisite: Psychology 101 or Psychology 101H with a minimum grade of C

This course focuses on physiological factors in human development, behavior, and experience. Fundamental topics include consciousness, language, emotion, memory, and sensation/perception. Clinical topics include Sexual Disorders, Bipolar Disorder, Schizophrenia, Post-Traumatic Stress Disorder, Autism, Alzheimer's disease, and traumatic brain injury. Studies of both humans and other animals are evaluated and organized by scientific and clinical standards.

PSYC 108 - Social Psychology**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Psychology 101 or Psychology 101H with a minimum grade of C**Recommended Preparation:** eligibility for English 101

This course focuses on the scientific study of the psychological processes and interpersonal interactions in and between groups. The emphasis is on individual behavior rather than on the group as a unit. Topics include social cognition; social perception; attitudes; prejudice and discrimination; social and group influence; aggression and prosocial behavior; interpersonal attraction and intimate relationships; and gender and culture.

PSYC 110 - African American Psychology**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is an introduction to the psychological issues related to the African American experience in the United States. The relationship between the African American experience and social perception, social cognition, and identity and attitude formation is emphasized. Individual cognitive styles, personality development, and family structures of African Americans will also be examined.

PSYC 112 - Human Sexuality**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Psychology 101 or Psychology 101H with a minimum grade of C**Recommended Preparation:** eligibility for English 101

This course is the scientific study of human sexuality. Emphasis is placed on the analysis of sexuality from a psychological theoretical framework. Topics include the history of sex, the scientific research methods used to study sex, and the psychobiology of sex. This course also examines cultural views of sex and gender, sexual behavior and relationships, and sex as a social and medical issue.

PSYC 115 - Abnormal Psychology**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Psychology 101 or Psychology 101H with a minimum grade of C**Recommended Preparation:** eligibility for English 101

This course focuses on the scientific study of both normal and abnormal experience and behavior. Emphasis is placed on the characterization, treatment, and prevention of psychological disorders ranging from mild to severe forms.

PSYC 116 - Lifespan Development

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: Prerequisite: Psychology 101 or Psychology 101H with a minimum grade of C

Recommended Preparation: eligibility for English 101

This course examines physical, cognitive and psychosocial development throughout the human lifespan from conception to death. Special emphasis is placed on culture, family relationships, and the interplay of genes and environment. Attention is also devoted to the practical application of research findings to ongoing developmental issues.

PSYC 120 - Introduction to Statistics and Data Analysis for the Behavioral Sciences

Units: 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC*

Conditions of Enrollment: Prerequisite: Psychology 101 or Psychology 101H or Sociology 101 and Mathematics 73 or 80 with a minimum grade of C

Recommended Preparation: eligibility for English 101. Students are taught standard descriptive and inferential statistics for summarizing sample data and estimating population parameters.

All aspects of significance testing are emphasized: hypotheses, models, calculations, interpretations, and criticisms. Students are also taught to review scientific articles critically and to write APA-style manuscripts.

Note: Psychology 120 is the same course as Sociology 120.

**Note: The maximum UC credit allowed for students completing Psychology 120 and Sociology 120 or Psychology 120 and Mathematics 150 is one course.*

PSYC 122 - Research Methods in the Behavioral Sciences

Units: 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Prerequisite: Mathematics 150 or Mathematics 150H or Psychology 120 or Sociology 120 with a minimum grade of C

This course is centered on the philosophy of science in general and the scientific method in particular. Students develop individual research studies with these elements: literature review, hypothesis, design & method, data collection & analysis, and discussion, oral presentation, and manuscript preparation (APA Publication Style).

Note: Psychology 122 is the same course as Sociology 122.

REAL ESTATE

RE 111 - Real Estate Principles

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: eligibility for English 101

This course covers various aspects of real estate, including an introduction to legal aspects, title and escrow procedures, property management, appraisal, finance, and the ownership of real property. Students develop basic vocabulary and test-taking skills in partial preparation for state examination for a California Bureau of Real Estate (BRE) license.

Note: The California Bureau of Real Estate (BRE) requires completion of this course prior to taking the California Real Estate Salesperson Examination and has approved this course for credit for the BRE broker's license requirement.

RE 113 - Real Estate Practice

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Real Estate 111 or concurrent enrollment; or California Bureau of Real Estate (BRE) license or equivalent experience

In this course, students will be introduced to the standard forms used in the real estate industry and will learn techniques necessary to close a residential real estate transaction. Students will develop skills in partial preparation for the state examination for a California Bureau of Real Estate (BRE) license, with emphasis placed on advertising, listings, finance, appraisal, escrow and the tax aspects of real property ownership.

Note: The California Bureau of Real Estate (BRE) requires completion of this course prior to taking the California Real Estate Salesperson Examination and has approved this course for credit for the BRE broker's license requirement.

RE 114 - Real Estate Finance I

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Real Estate 111 or concurrent enrollment; or California Bureau of Real Estate (BRE) license or equivalent experience; Business 115

This course provides instruction on the various aspects of finance, including fixed and variable rate loans, conventional and government financing programs, and creative financing options. Students will calculate unpaid loan balance, interest, and loan qualifying ratios.

Note: This course is approved by the California Bureau of Real Estate (BRE) as one of the mandatory eight statutorily required college-level courses for the broker license and for the salesperson license, which also requires Real Estate Principles and Real Estate Practice.

RE 115 - Advanced Real Estate Finance

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: Prerequisite: Real Estate 114 with a minimum grade of C

This course provides instruction on the more advanced methods of financing real estate projects, including non-residential commercial and industrial property. Emphasis is placed on the instruments of finance, types of structured loans, discounting leases, and the sale-leaseback transaction.

Note: The California Bureau of Real Estate (BRE) has approved this course as one of the elective courses for the real estate broker license.

RE 116 - Real Estate Economics**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Real Estate 111, 114 and 140; or California Bureau of Real Estate (BRE) license; or California Bureau of Real Estate Appraisers (BREA) license

This course provides instruction on the aspects that tie economics and politics to real estate land use. Emphasis is on the factors, which create value in real estate, including urban development, governmental policies and requirements for development, as well as the business and real estate cycles.

Note: The California Bureau of Real Estate (BRE) has approved this course as one of the elective courses for the salesperson license in addition to the required Real Estate Principles and Real Estate Practice. The California Bureau of Real Estate (BRE) has approved this course as one of the elective courses for the real estate broker license.

RE 119 - Real Property Management**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Real Estate 111; or California Bureau of Real Estate (BRE) license or California Bureau of Real Estate Appraisal (BREA) license or equivalent, Business 115

This course covers various aspects of property management for income producing real property, including rights of the parties, personnel for on-site and off-site rental-income property, introduction to legal contracts for rental property, physical maintenance, and trust fund accounting fundamentals including security deposits.

Note: This course is approved by the California Bureau of Real Estate (BRE) as one of the elective courses for the eight statutorily required college-level courses for the broker license and for the salesperson license, which also requires Real Estate Principles and Real Estate Practice.

RE 121 - Real Estate Investments**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Real Estate 111 and 114

This course discusses the acquisition phase, holding period and disposition analysis for real estate investment property. The course covers a review of pro forma statements, the effects of leverage and cash flow operating statements. Students develop strategies for decision-making alternatives for a sale, exchange, continuation of operations, and capital restructure using depreciation, installment sale and tax basis.

Note: The California Bureau of Real Estate (BRE) has approved this course as one of the elective courses that may be completed for the salesperson license in addition to the required courses of Real Estate Principles and Real Estate Practice. The California Bureau of Real Estate (BRE) has approved this course as one of the elective courses for the real estate broker license. The BRE requires a copy of the college course outline or catalog description along with transcript showing proof of course completion.

RE 126 - Escrows

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Real Estate 111

This course provides instruction in the functions of an escrow in a real property transaction. Emphasis is on residential escrow, with transactional variations studied for an escrow involving a seller, a buyer, refinance or loan, mobile home, and non-residential specialty escrows including commercial and industrial property, liquor license, impound account, probate and securities transaction. The course covers title insurance, prorations, and escrow settlement closing statements.

Note: The California Bureau of Real Estate (BRE) has approved this course as one of the elective courses that may be completed for the salesperson license in addition to the required Real Estate Principles and Real Estate Practice. The California Bureau of Real Estate (BRE) has approved this course as one of the optional courses for the real estate broker license.

RE 131 - Mortgage Loan Brokering and Lending

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Real Estate 111 or concurrent enrollment; or California Bureau of Real Estate (BRE) license or equivalent experience; Business 115

This course introduces the student to the principles and operations of the mortgage loan brokering field. The emphasis is on the lending rules for residential property. Students learn lending laws of Regulation Z, usury laws, disclosures, maximum fees and charges, agency relationships, advertising laws, Housing and Urban Development (HUD) and Real Estate Settlement Procedures Act (RESPA) calculations and the loan process. This course partially satisfies the California requirements for the Real Estate Salesperson and California Real Estate Broker licenses.

Note: This course is approved by the California Bureau of Real Estate (BRE) as one of the elective courses for the eight statutorily required college-level courses for the broker license and for the salesperson license, which also requires Real Estate Principles and Real Estate Practice.

RE 140 - Real Estate Appraisal

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU

Conditions of Enrollment: Recommended Preparation: Real Estate 111; or California Bureau of Real Estate Appraisers (BREA) license; or California Bureau of Real Estate (BRE) broker's license

This course provides instruction in the valuation principles of real estate appraisal, including architectural styles, types of construction, lot valuation, depreciation, the approaches to value, and appraisal standards and ethics.

Note: The California Bureau of Real Estate (BRE) has approved this course as one of the optional courses that must be completed within 18 months of conditional salesperson licensure in addition to the required courses of Real Estate Principles and Real Estate Practice. This course is statutorily required for the California real estate broker license. The California Bureau of Real Estate Appraisers (BREA) has approved this course for 54 hours of basic education (BE) credit. BREA has approved this course for 51 hours of continuing education (CE) credit for license renewal provided the student has 90% attendance and passes a closed book final exam.

RE 141 - Advanced Real Estate Appraisal**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Real Estate 140 with a minimum grade of C; or California Bureau of Real Estate Appraisers (BREA) license; or California Bureau of Real Estate (BRE) broker's license

This course provides instruction in advanced concepts of the income approach to value process for real property, analyzing operating expenses, capitalization, and depreciation. Students develop proficiency in utilizing residential income and commercial and industrial property appraisal guidelines to create a standard appraisal form. Emphasis is placed on the advanced cost approach valuation, in addition to the Uniform Standards of Professional Appraisal Practice (USPAP) ethics.

Note: The California Bureau of Real Estate (BRE) has approved this course as one of the elective courses for the real estate broker license. This course is not approved by BRE for the educational requirements for the salesperson license.

SIGN LANGUAGE**SLAN 101 - Individualized American Sign Language Laboratory****Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Pass/no pass only **Credit Status:** Credit, not degree applicable**Transfer:** Not Transferable**Conditions of Enrollment: Prerequisite:** Sign Language/Interpreter Training 111 with a minimum grade of C or concurrent enrollment

This laboratory course provides opportunities for practice and further development of American Sign Language (ASL) skills. Self-paced study allows students to improve both signing and comprehension skills. Interactive exercises and visual media will be utilized to reinforce vocabulary and syntax.

SLAN 111 - American Sign Language I**Units:** 4 **Lecture Hours:** 72 **Lab Hours:** 0 **Outside Hours:** 144**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** None

This beginning course, taught within the context of deaf culture, introduces students to signing and comprehending elementary American Sign Language (ASL). Through a visual-gestural approach and multimedia activities, students develop basic vocabulary and grammar that deal with everyday topics.

Note: This course is comparable to two years of high school sign language.

SLAN 112 - American Sign Language II**Units:** 4 **Lecture Hours:** 72 **Lab Hours:** 0 **Outside Hours:** 144**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Sign Language/Interpreter Training 111 with a minimum grade of C

This course is a continuation of the study of American Sign Language (ASL) and deaf culture. Focusing on ASL structure and grammar used by native signers, students will develop fluency at the intermediate level.

Note: The prerequisite for this course is comparable to two years of high school sign language.

SLAN 113 - American Sign Language III**Units:** 4 **Lecture Hours:** 72 **Lab Hours:** 0 **Outside Hours:** 144**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Sign Language/Interpreter Training 112 with a minimum grade of C

This course is a continuation of the study of American Sign Language (ASL) II and deaf culture. Further study of vocabulary, structure, and narrative techniques will help students develop language fluency to discuss abstract ideas and environments outside the classroom.

SLAN 114 - American Sign Language IV**Units:** 4 **Lecture Hours:** 72 **Lab Hours:** 0 **Outside Hours:** 144**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Sign Language/Interpreter Training 113 with a minimum grade of C

This course, taught within the context of deaf culture, is a continuation of the study of American Sign Language (ASL) III. Further study of conversational and narrative techniques for advanced practice will help students develop language fluency at the advanced level. This course provides an expanded review of ASL vocabulary, syntactical structures, grammatical patterns and current linguistic research.

SLAN 115 - American Sign Language V**Units:** 4 **Lecture Hours:** 72 **Lab Hours:** 0 **Outside Hours:** 144**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Sign Language/Interpreter Training 114 with a minimum grade of C

This course builds on the cultural competence and language skills developed in American Sign Language (ASL) IV and are designed for students to strengthen both conversational and formal ASL skills. In addition, advanced work is presented in ASL linguistics, Deaf culture, specialized vocabulary and fingerspelling.

SLAN 120 - Fingerspelling and Numerical Concepts**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Sign Language/Interpreter Training 111 with a minimum grade of C

This course is designed to provide beginning and advanced practice with the sign language component known as fingerspelling. Skill development for expressive and receptive fingerspelling, numerical concepts, and lexicalized signs will enhance the student's ability to comprehend and utilize fingerspelling with accuracy and clarity.

SLAN 130 - Deaf Culture**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** English 84

This course is designed to explore the anthropologic, political, and linguistic aspects of the culture of the deaf. Discussion and topics will provide the student with an understanding of the issues of being a deaf individual in a hearing world and trends of the deaf culture.

SLAN 131 - Perspective on Deafness

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Recommended Preparation:* English B

In this course, students will explore the realm of deafness from both a hearing and deaf perspective. Current topics and issues include sign language, language acquisition, educational trends, experiments and research. Students will gain an understanding of cultural implications of deafness. Causes of deafness and modern technological advances are explored.

SLAN 200 - Principles of Sign Language Interpreting

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU

Conditions of Enrollment: *Prerequisite:* Sign Language/Interpreter Training 114 with a minimum grade of C

This course is an introduction to the field of sign language interpreting. Topics will include history, definitions, settings, standards, and certification. Focus on ethics and the interpreting process provides a theoretical foundation for interpreting coursework.

SOCIOLOGY

SOCI 101 - Introduction to Sociology

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* eligibility for English 101

This course introduces students to the major theoretical perspectives, concepts, and areas of study in sociology. It critically examines the relationship between the social environment and human behavior, specifically on how social forces such as race, gender, sexuality, age, and social class shape our everyday lives. In addition to learning sociological theories and research methods, students gain an understanding of sociological concepts such as culture, socialization, social institutions, deviance, stratification, and social change.

SOCI 101H - Honors Introduction to Sociology

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* eligibility for English 101

This honors course, intended for students in the Honors Transfer Program, introduces students to the major theoretical perspectives, concepts, and areas of study in sociology. It critically examines the relationship between the social environment and human behavior, specifically on how social forces such as race, gender, sexuality, age, and social class shape our everyday lives. In addition to learning sociological theories and research methods, students gain an understanding of sociological concepts such as culture, socialization, social institutions, deviance, stratification, and social change. This course is enriched through extensive, rigorous reading, writing, and research assignments.

Note: Students may take either Sociology 101 or Sociology 101H. Duplicate credit will not be awarded.

SOCI 102 - The Family

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC

Conditions of Enrollment: Recommended Preparation: Sociology 101 and eligibility for English 101

This course will provide students with an overview of the sociological perspective on the institution of family. Both historical and contemporary aspects of singlehood, courtship, mate selection, love, cohabitation, marriage, and divorce will be examined. Components of family life including gender socialization, parenting styles, communication, and conflict resolution will be analyzed using various theoretical perspectives. Emphasis will be placed on examining diverse family structure and relationships as well as how family experiences are shaped by social class, race, ethnicity, gender, and sexual orientation.

SOCI 104 - Social Problems

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC

Conditions of Enrollment: Recommended Preparation: Sociology 101 and eligibility for English 101

In this course students explore various social problems from a sociological perspective. Students apply sociological theories and concepts to examine social problems related to race, gender, sexuality, age, and social class. Problems experienced in our social institutions such as the family educational system, criminal justice system, healthcare, media, and environment are analyzed. Using a 'sociological imagination,' students explore potential solutions and strategies to address contemporary social problems at both micro and macro levels.

SOCI 107 - Issues of Race and Ethnicity in the United States

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC

Conditions of Enrollment: Recommended Preparation: Sociology 101 and eligibility for English 101

In this course students examine issues of race and ethnicity in the United States from a sociological perspective. Sociological concepts and theories are used to analyze the current and historical experiences of groups which are defined in racial and ethnic terms, and to assess how these definitions and experiences influence the current status and attainments of these groups in American society.

SOCI 108 - Global Perspectives on Race and Ethnicity

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC

Conditions of Enrollment: Recommended Preparation: Sociology 101 and eligibility for English 101

In this course students will examine ethnic groups around the world using concepts of race, ethnicity and minority status. Multiple theoretical perspectives will be used to examine the conditions under which certain ethnic groups have been designated with minority group status. Focus is given to the reactions of these groups to this designation, and the patterns of interaction between minority groups and dominant groups. Emphasis is on current situations involving minority-dominant group relations around the world and the historical conditions influencing them.

SOCI 110 - Introduction to Social Work**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Sociology 101

This course introduces students to the field and profession of social work. Following a generalist model of practice within an ecological framework, students will learn about the historical influences that shaped the development of the social work profession as well as its core ethics and values, paying close attention to the missions of social justice and cultural competency. Course content will explore central theoretical influences, the functions and roles of social work practitioners, the various social service delivery systems and fields of practice social workers typically work in as well as populations that social workers typically serve.

SOCI 112 - Introduction to Criminology**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** Sociology 101 and eligibility for English 101

This course introduces students to the scientific analysis of crime and criminality. Sociological concepts and theories are used to analyze the nature, extent, and cause of crime; theoretical explanations for criminal behavior will be discussed. The dynamics of law, social control, treatment processes, and victimology will be evaluated.

SOCI 115 - Sociology of Death and Dying**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** Sociology 101 and eligibility for English 101

This course is a sociological approach to investigating death, dying, and bereavement processes in contemporary society. Students will compare the concept of death historically, socially, psychologically, and cross-culturally. Current legal, medical, and ethical issues related to death and dying, hospice, palliative care, end-of-life issues, violent deaths, and mass killings are also discussed.

SOC I 120 - Introduction to Statistics and Data Analysis for the Behavioral Sciences**Units:** 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC***Conditions of Enrollment: Prerequisite:** Psychology 101 or 101H or Sociology 101 and Mathematics 73 or 80 with a minimum grade of C

Students are taught standard descriptive and inferential statistics for summarizing sample data and estimating population parameters. All aspects of significance testing are emphasized: hypotheses, models, calculations, interpretations, and criticisms. Students are also taught to review scientific articles critically and to write APA-style manuscripts.

Note: This course is the same as Psychology120.

**Note: The maximum UC credit allowed for students in completing Sociology120 and Psychology120 or Sociology120 and Mathematics150 is one course.*

SOCI 122 - Research Methods in the Behavioral Sciences**Units:** 4 **Lecture Hours:** 54 **Lab Hours:** 54 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Mathematics 150 or 150H; or Sociology 120; or Psychology 120 with a minimum grade of C

This course is centered on the philosophy of science in general and the scientific method in particular. Students develop individual research studies with these elements: literature review, hypothesis design and method, data collection and analysis, and discussion, oral presentation, and manuscript preparation (APA Publication Style).

Note: Sociology122 is the same course as Psychology122.

SPANISH**SPAN 101 - Elementary Spanish I****Units:** 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 126**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC***Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course introduces students to the development of skills for language acquisition in speaking, listening, reading, and writing linguistically appropriate Spanish. Students are also introduced to the cultural background of the language, including relationships among cultural practices and perspectives and the general aspects of every day life. Technological support includes videos, DVDs, audio CDs, and Internet access to publishers' websites for tutoring and other support.

Note: This course is comparable to two years of high school Spanish.

**Note: The maximum UC credit allowed for students completeing Spanish101 and Spanish152 and153 is four units.*

SPAN 101H - Honors Elementary Spanish I**Units:** 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 126**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This honors course, intended for students in the Honors Transfer Program, introduces students to the development of skills for language acquisition in speaking, listening, reading, and writing linguistically appropriate Spanish. Students are also introduced to the cultural background of the language, including relationships among cultural practices and perspectives and the general aspects of everyday life. Technological support includes videos, DVDs, audio CDs, and Internet access to publishers' websites for tutoring and other support. This honors course will be enriched through limited class size, oral presentations, expanded assignments and participation in cultural activities. This course is enriched through extensive, rigorous reading, writing, and research assignments.

Note: Students may take either Spanish101 or Spanish101H. Duplicate credit will not be awarded.

SPAN 102 - Elementary Spanish II

Units: 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 126

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Spanish 101 with a minimum grade of C

This course, taught within the context of Spanish and Latin-American cultures, is a continuation of the study of elementary Spanish with an emphasis on listening, speaking, reading, and writing. Students improve their pronunciation and speaking skills along with their understanding of spoken Spanish. Computer, audio, and video programs are required to reinforce the language skills acquired in the classroom.

Note: The prerequisite for this course is comparable to two years of high school Spanish.

SPAN 103 - Intermediate Spanish I

Units: 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 126

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Spanish 102 with a minimum grade of C

This intermediate course, taught within the context of Spanish and Latin American culture, emphasizes the study of the essentials of Spanish grammar and the fundamentals of formal Spanish composition. Through oral and written practice, students expand their Spanish vocabulary and use of idiomatic expressions. Students read materials of representative Spanish and Latin American authors. Note: The prerequisite for this course is comparable to three years of high school Spanish.

SPAN 104 - Intermediate Spanish II

Units: 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 126

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Spanish 103 with a minimum grade of C

This intermediate course, taught within the context of Spanish and Latin American culture, is a continuation of the study of essential Spanish grammar and formal composition. Through oral and written practice, students further expand their Spanish vocabulary and use of idiomatic expressions to express more complex ideas. Students read materials of representative Spanish and Latin American authors and participate in daily conversations.

Note: The prerequisite for this course is comparable to four years of high school Spanish.

SPAN 105 - Advanced Spanish I

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108

Grading Method: Letter **Credit Status:** Credit, degree applicable

Transfer: CSU, UC

Conditions of Enrollment: *Prerequisite:* Spanish 104 with a minimum grade of C

This advanced course, taught within the context of Spanish and Spanish-American culture, is a survey of literature written by Spanish and Spanish-American writers. Students read and summarize the works of representative Spanish and Spanish-American writers to acquire fluency in the language. Written Spanish, with an emphasis on vocabulary building and functional grammar, is also included.

SPAN 106 - Advanced Spanish II**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Spanish105 with a minimum grade of C

This advanced course, taught within the context of Spanish and Spanish-American culture, introduces students to Spanish literary criticism. Students learn how to write critically about the works of representative Spanish and Spanish-American writers to acquire fluency in the language. Written Spanish, with an emphasis on vocabulary building and functional grammar, is also included.

SPAN 121 - Beginning Conversational Spanish**Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Spanish 101 with a minimum grade of C or the equivalent

This course is designed to help students develop competency in Spanish oral expression, oral comprehension, pronunciation, and conversational strategies.

SPAN 122 - Intermediate Conversational Spanish**Units:** 2 **Lecture Hours:** 36 **Lab Hours:** 0 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Spanish 102 and 121 with a minimum grade of C in prerequisite or equivalent

This course is designed for the intermediate student to develop Spanish language fluency in oral expression, increase oral comprehension, and improve pronunciation. Conversational topics are based upon the daily experiences and cultural life of the ethnic areas involved with the Spanish language.

SPAN 152 - Spanish for Native Speakers I**Units:** 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 126**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Spanish 102 with a minimum grade of C or equivalent

This course is designed for students with a native-speaking knowledge of Spanish and who have little or no formal instruction in the Spanish language. Students develop the cultural and linguistic ability to use correct spoken and written Spanish free from regionalisms and Anglicisms. Students learn to correct faulty Spanish speech habits, improve vocabulary, and acquire skills in writing. Students also become familiar with the similarities and differences existing within and between the cultures of Spain, as well as the Caribbean and North and Central American Spanish-speaking countries.

SPAN 153 - Spanish for Native Speakers II**Units:** 4 **Lecture Hours:** 90 **Lab Hours:** 0 **Outside Hours:** 180**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Prerequisite:** Spanish 152 with a minimum grade of C or equivalent

This course is designed for students with a native-speaking knowledge of Spanish and who have had some formal instruction in the Spanish language. Students strengthen their cultural and linguistic ability to use correct spoken and written Spanish free from regionalisms and Anglicism. Students master the ability to correct faulty Spanish speech habits, improve vocabulary, and acquire skills in writing. Students also become familiar with the similarities and differences existing within and between the cultures of Spain and Spanish America.

SPAN 99 - Independent Study**Units:** 1 - 3 **min Lecture Hours:** 54 **max Lecture Hours:** 162**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None**Enrollment Limitation:** Two courses in Spanish with a minimum grade of B in each and acknowledgment by the instructor with whom the student will work.

This course provides special advanced studies in a subject field of Spanish not covered in the regular departmental offerings. Regular conferences with the instructor are coordinated with assigned Spanish projects (54 hours per unit).

Note: Transfer limitations apply.

THEATER**THEA 103 - Theatre Appreciation****Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is a survey of theater focusing on the theory and practice of modern theater. Topics include acting, directing, design of scenery, architecture, lighting, costuming, makeup, stage properties, and the American musical. Elements of playwriting, critical analysis, and career opportunities are also covered. Attendance is required at selected theater events.

THEA 104 - Dramatic Literature**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

In this course, students survey selected plays from classical tragedy and comedy to contemporary drama. Emphasis is placed on reading, discussing, and critically analyzing dramatic literature influenced by social and cultural forces. Attendance at selected local theatre events is required.

THEA 113 - Introduction to Acting**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

Designed for the non-theatre major, this course introduces the fundamental elements and techniques of acting. Emphasis is placed on the development of effective acting techniques through physical and vocal exercises, improvisation, and pantomime, culminating in the performance of scenes from selected plays. Attendance is required at selected theatre events.

THEA 114 - Fundamentals of Acting**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course is a study of the techniques, styles, and disciplines of acting. The student is provided theory and practical experience with varied characterizations. Emphasis is placed on individual growth and acquired skills demonstrated through play and character analysis followed by presentations of scenes from contemporary realistic plays. Attendance is required at selected theatre events offered in the community.

THEA 175 - Student Performance/Production Workshop**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 to be arranged **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** completion of or concurrent enrollment in the following:**Student performers:** Theatre 113 or 114**Student directors:** Theatre 240

This course is a theatre workshop in which students participate in a production under faculty supervision as directors or performers. Students will demonstrate their theatrical skills and be ranked on their acting and/or directorial abilities in a live theatrical performance through participation in the Kennedy Center American College Theater Festival (KCACTF) competition. This course may be repeated four(4) times.

THEA 184 - Stagecraft**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment: Recommended Preparation:** eligibility for English 101

This course emphasizes both theoretical and practical experience in the technical aspects of play production, including scene design, set construction, scenery painting, rigging and equipment, properties, and the manipulation of stage scenery. Students participate in shop procedures and practices, safe tool usage, material selection, and fabrication methods. Attendance and participation in selected theatre events is required.

THEA 185 - Introduction to Stage Lighting**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** None

This course emphasizes the operation of stage lighting equipment, planning and rigging of lighting units, operation of control systems and related equipment, light sources, stage electricity, color in light, and the design of stage lighting. Students must attend selected theatre events.

THEA 189 - Costuming for the Stage**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** None

This course covers the theory and practice of costuming for the stage including historical background, basic costume design techniques, cutting, fitting, sewing, patternmaking, fabric design and dyeing, proper use and maintenance of equipment, and the duties of wardrobe crews and chiefs. Students must attend selected theatre events.

THEA 215 - Improvisation**Units:** 2 **Lecture Hours:** 18 **Lab Hours:** 54 **Outside Hours:** 36**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Recommended Preparation:* Theatre 113 or 114

This course introduces students to improvisational acting through games, exercises, and unrehearsed scenes. Emphasis is placed on working without a script, trusting one's instincts, and expanding one's expressive range.

THEA 216 - Acting: Auditioning and Cold Reading**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Prerequisite:* Theatre 114 with a minimum grade of C or equivalent

This course prepares students to audition for university placement or professional theatre. Topics include interpreting and developing a character at the audition-ready level, completion of a portfolio and resume, interpreting assigned scripts according to the Shurtleff "Guideposts" for successful cold reading, and preparation and maintenance of at least three monologues for auditions.

THEA 217 - Intermediate Acting**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 54 **Outside Hours:** 72**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** *Prerequisite:* Theatre 114 with a minimum grade of C or equivalent

This course is a continuation of Theatre 114 and focuses on continued study in the methodology and process of acting for the stage and includes in-depth character study through use of personalization skills, imagery, environment, stage life, situation and motivation, given and imaginary circumstances, emotional and sense-memory recall, obstacles and objectives, through-line of action, and character biographies. Attendance is required at selected theatre events in the community. This course is required for the theatre major.

THEA 270 - Beginning Theatre Production**Units:** 1 **Lecture Hours:** 0 **Lab Hours:** 54 to be arranged **Outside Hours:** 0**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU, UC**Conditions of Enrollment:** **Enrollment Limitation:** **Audition**

This theatre production course is an acting workshop in which students learn performance skills and rehearsal discipline through active participation in a major theatrical production. Students will demonstrate their performance skills and be ranked on their acting abilities in a live performance through participation in the Kennedy Center American College Theater Festival (KCACTF) competition. This course may be repeated four (4) times.

TUTOR TRAINING**TUTR 200 - Theory and Practice of Tutoring****Units:** 1 **Lecture Hours:** 18 **Lab Hours:** 0 **Outside Hours:** 36**Grading Method:** Pass/no pass only **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course is designed for students who intend to be tutors. It meets the College Reading and Learning Association training program requirements and is designed to help student tutors learn to communicate clearly and effectively with students needing academic assistance. Course content includes learning theories, tutorial techniques, program procedures and responsibilities, and tutoring practice.

Note: To be considered for Compton College employment as a tutor, students need to have completed the courses they wish to tutor with a final grade of B or better. The recommendation of the appropriate instructor is also necessary.

WELDING**WELD 101 - Introduction to Welding Process****Units:** 8 **Lecture Hours:** 90 **Lab Hours:** 180 **Outside Hours:** 162**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

In this course, students are introduced to welding processes with a primary focus on developing manipulative skills. Welding processes covered include oxy-acetylene, plasma arc, shielded metal arc, gas tungsten arc, gas metal arc, and flux cored arc. The course also includes a study of occupational safety, weld symbols, print reading, metal fabrication, and joint design.

WELD 105 - Basic Welding for Allied Fields**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This is a basic course to support trade skills for students in allied fields. The course introduces students to welding equipment, nomenclature, safety, plasma and mechanical cutting, metallurgical exploration of ferrous and non-ferrous material, ductility of materials, effects of cold-working and heat treating.

WELD 108 - Introduction to Multi-Process Welding**Units:** 4 **Lecture Hours:** 45 **Lab Hours:** 90 **Outside Hours:** 81**Grading Method:** Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course is designed to provide students with basic performance qualification skills needed for employment in manufacturing and the maintenance industry. Students are introduced to multiple processes with a primary focus on developing manipulative skills commonly used in manufacturing. Welding processes covered include oxy-acetylene cutting, plasma arc cutting, Shielded Metal Arc Welding (SMAW), Gas Tungsten Arc Welding (GTAW), and Gas Metal Arc Welding (GMAW). The course also includes a study of occupational safety, weld symbols, and joint design.

Note: Letter grade or pass/no pass option.

WELD 109 - Advanced Welding for Manufacturing**Units:** 4 **Lecture Hours:** 45 **Lab Hours:** 90 **Outside Hours:** 81**Grading Method:** Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Prerequisite:* Welding 108 or 111 with a minimum grade of C or equivalent

This course continues the development of students' theory and practice of their manual and semiautomatic welding skills, joining ferrous and non-ferrous metals for manufacturing technology. Welding processes include Gas Tungsten Arc Welding (GTAW), spray transfer, aluminum Gas Metal Arc Welding (GMAW) and Dual-Shield Flux Core Arc welding (FCAW-G). The course is an in-depth study into advanced manufacturing processes, work procedure specifications, occupational safety and calculations of material cost and sizes. Additional topics include fractional, decimal and metric conversions.

WELD 111 - Introduction to Shielded Metal Arc Welding (SMAW)**Units:** 4 **Lecture Hours:** 45 **Lab Hours:** 90 **Outside Hours:** 81**Grading Method:** Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This is an introductory course where students will develop manipulative skills using the Shielded Metal Arc Welding (SMAW) processes. Emphasis is placed on safety procedures, use of manual and semi-automatic welding equipment, welding techniques, electrodes and joints.

Note: Letter grade or pass/no pass option

WELD 113 - Intermediate Shielded Metal Arc Welding (SMAW)**Units:** 4 **Lecture Hours:** 45 **Lab Hours:** 90 **Outside Hours:** 81**Grading Method:** Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Recommended Preparation:* Welding 111

This course is designed for the intermediate student. Students will enhance their skills by developing their technique in the open root process using Shielded Metal Arc Welding (SMAW) electrodes. The course emphasizes the theory and practice of joint preparation, Complete Joint Penetration (CJP) and various cover pass processes including semi-automatic welding theory.

Note: Letter grade or pass/no pass option

WELD 123 - Advanced Arc Welding Specialty Lab**Units:** 2 **Lecture Hours:** 0 **Lab Hours:** 108 **Outside Hours:** 0**Grading Method:** Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Welding 113 with a minimum grade of C or equivalent

This advanced level welding course is designed to further develop advanced specialized welding skills in the structural, sheet metal, and construction industries. This course is for the advanced arc welding student preparing for the American Welding Society(AWS) Structural Steel practical exam and certification.

Note: Letter grade or pass/no pass option.

WELD 125 - Advanced Certification and Career Preparation Lab**Units:** 2 **Lecture Hours:** 0 **Lab Hours:** 108 **Outside Hours:** 0**Grading Method:** Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Welding 113 with a minimum grade of C or equivalent

This advanced level welding lab is third of a series specifically designed for students to refine their welding skills in E7018 electrodes used in structural steel Shielded Metal Arc Welding (SMAW) in the vertical (3G) and overhead (4G) position. This class prepares the student for the American Welding Society (AWS) practical examination required to obtain the Los Angeles City license for structural steel. Taken in succession, this course prepares students to advance to level III in AWS national skill standards.

Note: Letter grade or pass/no pass option

WELD 128 - American Welding Society (AWS) D1.1 Certification Test Preparation**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment: Prerequisite:** Welding 123 or 125 with a minimum grade of C or the equivalent

This course prepares the student to pass the written examination of the Los Angeles City Department of Building and Safety Structural Steel American Welding Society (AWS) D1.1 examination. Both the midterm and final examinations will be administered under same testing conditions as the actual Los Angeles City written exam.

Note: Letter grade or pass/no pass option.

WELD 129 - Blueprint Reading**Units:** 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course is designed to provide principles of reading and interpreting basic industrial prints and shop drawings as applied to the welding trade. Emphasis is placed on shape identification, nomenclature, and welding symbols.

WELD 140 - Introduction to Gas Tungsten Arc Welding (GTAW)**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** None

This course is designed for the beginning student. Students develop manipulative skills using the Gas Tungsten Arc Welding (GTAW) process on ferrous and non-ferrous alloys. Related classroom instruction covers technical data pertaining to this welding process with special emphasis on operational parameters of inverter type machines. This course begins preparation for eligibility for American Welding Society (AWS) D17.1 certification.

WELD 142 - Intermediate Gas Tungsten Arc Welding (GTAW)**Units:** 3 **Lecture Hours:** 36 **Lab Hours:** 72 **Outside Hours:** 54**Grading Method:** Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Recommended Preparation:* Welding 140

This is an intermediate course in Gas Metal Arc Welding (GTAW). Special emphasis is placed on the welding of ferrous and non-ferrous metals in the various positions and building skill development in GTAW. This course continues student preparation toward the American Welding Society (AWS) D17.1 certification.

Note: Letter grade or pass/no pass option

WELD 144 - Advanced Gas Tungsten Arc Welding (GTAW) Skills Lab**Units:** 2 **Lecture Hours:** 0 **Lab Hours:** 108 **Outside Hours:** 0**Grading Method:** Letter grade or pass/no pass option **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Prerequisite:* Welding 142 with a minimum grade of C or equivalent

This course is designed to develop the advanced specialized skills used within the structural steel, sheet metal, and aerospace manufacturing industries using the Gas Tungsten Arc Welding (GTAW) process. Repair of cast welding and tooling maintenance will be introduced. Students will develop various specialized skills that will help achieve students' goals and attain the necessary traits that employers are seeking. This course prepares students for American Welding Society (AWS) D17.1 certification.

Note: Letter grade or pass/no pass option

WELD 150 - Structural Fabrication**Units:** 5 **Lecture Hours:** 72 **Lab Hours:** 72 **Outside Hours:** 126**Grading Method:** Letter **Credit Status:** Credit, degree applicable**Transfer:** CSU**Conditions of Enrollment:** *Prerequisite:* Welding 101 with a minimum grade of C or equivalent

This welding course focuses on skills required to fabricate a project from an engineering drawing to the finished product. Emphasis is placed on interpreting engineering drawings, proper use of tools and equipment, math, and shop safety.

WELD 95 - Cooperative Work Experience Education

Units: 2-4 **Lecture Hours:** 0 **Lab Hours:** hours to be arranged
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU

Conditions of Enrollment: None

Enrollment Limitation: Employment or volunteer work in a position related to the student's major or career goal by the second week of the semester. Completion of or current enrollment in one course from the major.

Through a set of learning objectives established by the student, supervisor, and instructor, each student will work with and learn from experts in the Welding field. These experiences will enable students to improve job skills, analyze career opportunities and requirements, and compare them to personal abilities and career expectations.

Note: Transfer limitations apply.

Note: The total units earned for Cooperative Work Experience Education may not exceed 16 units.

WELD 99 - Independent Study

Units: 1-3 **min Lecture Hours:** 54 **max Lecture Hours:** 162
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU

Conditions of Enrollment: None

Enrollment Limitation: Two courses in Welding with a minimum grade of B in each and acknowledgment by the instructor with whom the student will work.

This course provides special advanced studies in a subject field of Welding not covered in the regular departmental offerings. Regular conferences with the instructor are coordinated with assigned Welding projects (54 hours per unit).

Note: Transfer limitations apply.

WOMEN'S STUDIES

WSTU 101 - Introduction to Women's Studies

Units: 3 **Lecture Hours:** 54 **Lab Hours:** 0 **Outside Hours:** 108
Grading Method: Letter **Credit Status:** Credit, degree applicable
Transfer: CSU, UC

Conditions of Enrollment: *Recommended Preparation:* eligibility for English 101

This interdisciplinary course introduces students to the field of women's studies. The history of feminism, feminist thought, and women's studies as an academic discipline will be examined and assessed. The social construction of sex, gender, and sexuality, the representation of women in American society, and the role of women in American institutions will be analyzed from theoretical perspectives of various academic disciplines. Feminist perspectives will be utilized to critically analyze race, ethnicity, social class, sexuality and age as they correlate with sex and gender in American society.

Student Support Services

ASB Student Discounts & Student Activities Fee

All students are encouraged to purchase an optional ASB sticker for their photo identification cards during registration or at the Bursar's Office.

The ASB sticker offers a variety of discounts at businesses, theaters, ASB-sponsored events, and athletics events.

Benefits include free admission to all campus athletic events and discounts on clothing at the bookstore. Funds generated from the cards help support student activities.

Bookstore Services

The Compton College Bookstore is located between the Student Life Office and the Cafeteria. The Bookstore is open Monday through Thursday throughout the majority of each semester. During the first two weeks of the fall and spring semesters and the first week of short-term sessions, the Bookstore will be open for extended hours. Information on Bookstore hours can be obtained at the Office of Student Life (R-1).

The Bookstore accepts Visa, MasterCard and Discover. Personal checks are accepted for the amount of purchase, dated for the date of purchase and presented by the account holder only; no parental or third-party checks accepted. Students are responsible for following the refund policy found at the Bookstore and in the Office of Student Life.

The Bookstore conducts Textbook Buyback during the first and last week of the fall and spring semesters. Students can receive up to 50 percent of the purchase price if the textbook has been requested for a future semester; the book is not sold as new-only (fill-in or perforated pages); and the Bookstore is in need of additional copies.

Bursar's Office

The Bursar's Office is located at C-36 and is open from Monday through Thursday, 9:00 a.m. to 5:00 p.m.; and Friday, 9:00 a.m. to 1:00 p.m. The Bursar's Office is open from Monday through Thursday, 8:00 a.m. to 6:00 p.m.; and closed on Friday during the summer session. Compton College students may pay fees and purchase parking permits and Associated Student Body (ASB) stickers at the Bursar's Office.

CalWORKs/TANF/GAIN Services

CalWORKs is the community portion of the California Work Opportunity and Responsibility to Kids Act, which is a welfare reform program established by Assembly Bill (AB) 1542. The program operates as a partnership with the County of Los Angeles, local businesses, and government agencies. CalWORKs funds are for the purpose of assisting single parents who are receiving Temporary Assistance for Needy Families (TANF) and those in transition from welfare to achieve long term self-sufficiency through coordinated student services. Assistance is provided to eligible students so they can obtain their educational degrees and certificates while earning extra money and gaining valuable work experience that leads to sustainable employment.

Program Eligibility Criteria:

1. Major or certificate program in a career field with a good economic forecast as approved by Los Angeles County Department of Public Social Services.
2. Full-time or part-time student or approved exemption. Signed contract with Compton College and County of Los Angeles: Proof of eligibility is required each semester.
3. Participation in required hours of academic and work activity (32 hours weekly).
4. Class Instruction
5. Instructional labs (optional)
6. Work activity related to major (optional); meaningful part-time employment or community service.
7. Satisfactory academic progress in classes – good progress toward completion of a degree or certificate.

Services Offered:

Priority Registration

Child Care Assistance: Referrals are available for students not yet eligible for assistance through Child Care Resource and Referral Agencies in partnership with Los Angeles County.

Liaisons with GAIN Service Workers from Department of Public Social Services (DPSS); Regions IV, V, and VI are available.

Career Counseling: Assessment is available to help each student choose a career that fits personal interests and abilities.

Academic Advisement and Assistance:

Educational plans are required and developed for students on an individual basis. The plans are designed to guide the student through each semester of the training program.

Tutorial and remedial support is available as needed.

Work Activity Referral: The CalWORKs Work Activity Program assists CalWORKs recipients to comply with a combination of 32 hours of academic coursework, work activity, laboratory time, structured internships, or other activities, which will lead to proper preparation for their career. The program is funded through the California Community College State Chancellor's Office and pays for a percentage of the student's wages.

Payment of Books and Supplies: Assistance with the preparation and submission of GAIN Ancillary Requests to pay for all required educational expenses including books, supplies and fees.

Employability Skills Training, Clothing Allowance, Transportation and Job Search: Opportunities are provided through Human Development classes, workshops, and individual guidance by CalWORKs for part-time and permanent placement. Employment is available on and off campus and in coordination with the Financial Aid Office. A clothing allowance for workplace attire and transportation assistance is also provided to eligible students.

For additional information about our CalWORKs program, please call 310-900-1600, ext. 2071, 2072 or visit the CalWORKs office in VT 153.

Child Development Center

The Abel B. Sykes Jr. Child Development Center accepts applications for enrollment of infants, toddlers, preschool and school-age children. If you are a student and/or working parent, you may be eligible for FREE or low-cost child care. Regular hours are Monday through Thursday, 7:45 a.m. to 5:30 p.m.; Friday, 7:45 a.m. to 5:00 p.m.; and Saturday, 8:00 a.m. to noon.

For additional information about the Abel B. Sykes, Jr. Child Development Center, please call 310-900-1600, ext. 2902 or visit the office in Building T.

Cooperative Agencies Resources for Education (CARE)

CARE is a state-funded, supplemental component of EOPS designed to provide educational and career support services and activities for single parents who are academically under-prepared and receiving cash-aid assistance.

CARE Eligibility Requirements

To qualify for CARE, students must: meet all EOPS eligibility requirements; the child and parent or child is a recipient of CalWORKs/TANF/cash aid (*Students who receive GAIN services and/or are current CalWORKs students can receive EOPS/CARE); be single head of household and at least 18 years of age. The following must be submitted with your CARE application: a copy, not original, of current Verification of Benefits dated within 30 days of submission, and a copy, not original, of youngest dependent's birth certificate.

Student Responsibilities

Students participating in CARE are required to: meet all EOPS student responsibilities, attend the CARE Mini Conference, and submit a Verification of Benefits every semester.

Counseling Services

Counseling services are made available to students through scheduled appointments. Appointments to meet with a counselor are made one week in advance through the Counseling Department, located in the Administration Building. A student who has selected a major area of study is strongly encouraged to see one of the counselors assigned to that area; an undeclared or undecided student may see any counselor.

As an integral part of the Student Success Support program, counseling services are designed to assist students in clarifying career and life goals and in developing an appropriate course of study based on a student's aptitudes, interests, and goals.

Drop-in advisement is normally available Monday through Thursday, 8:00 a.m. to 6:00 p.m.; and Friday, 8:00 a.m. to noon for students who have questions that do not require transcript review. The drop-in advisement schedule is subject to change based on counselor availability. Please call in advance for the daily schedule.

For more information about Counseling Services, please call 310-900-1600, ext. 2076 or visit the office in the Administration Building.

Extended Opportunity Programs and Services (EOPS)

EOPS is a state-funded program designed to assist low-income and educationally disadvantaged students achieve their educational and career goals at Compton College. EOPS provides priority registration, new student orientation, academic, career and personal counseling services, textbook assistance, student enhancement workshops, grants, weekly educational supplies and other above and beyond services to help students succeed, transfer to a four-year institution, be competitive in the workforce, and increase retention and enrollment.

EOPS Eligibility Requirements

To be eligible for EOPS, a student must be a California resident or qualify as a California Dream Act student, be enrolled in 12 units or more at Compton College, have completed less than 70 degree-applicable units, and demonstrate financial need by qualifying for the California Promise Grant. Students must also display an educational disadvantage in one of the following areas: placement test scores below English 1A or Math 73/80; did not graduate from high school; a high school graduate with GPA below 2.5; prior enrollment in remedial courses; other factors as determined by the EOPS Director.

Student Responsibilities

Students participating in EOPS are required to: submit an EOPS Application; complete an EOPS Mutual Responsibility Contract (MRC); complete a Comprehensive Student Educational Plan; maintain academic progress towards a certificate, associate degree, or transfer goal; attend EOPS Orientation; submit Academic Progress Reports every semester; meet with an EOPS Counselor three times per semester; maintain a semester GPA of 2.0; and complete at least 67 percent of coursework each semester.

Financial Aid

Financial Assistance

To be eligible to receive federal student aid, you must:

- Be a citizen or eligible noncitizen of the United States.
- Have a valid Social Security Number. (Students from the Republic of the Marshall Islands, Federated States of Micronesia, and the Republic of Palau are exempt from this requirement.)
- Have a high school diploma or a General Education Development (GED) certificate, or have completed homeschooling. If you don't, you may still be eligible for federal

student aid if you were enrolled in college or career school prior to July 1, 2012. Go to <https://studentaid.ed.gov/eligibility/basic-criteria> for additional information.

- Be enrolled in an eligible program as a regular student seeking a degree or certificate.
- Maintain satisfactory academic progress.
- Not owe a refund on a federal student grant

or

- be in default on a federal student loan.
- Register (or already be registered) with the Selective Service System, if you are a male and not currently on active duty in the U.S. Armed Forces. (Students from the Federated States of Micronesia, the Republic of the Marshall Islands and the Republic of Palau are exempt from registering; see <https://sss.gov> for more information.)
- Not have a conviction for the possession or sale of illegal drugs for an offense that occurred while you were receiving federal student aid (such as grants, work-study, or loans). If you have such a conviction, you must complete the Student Aid Eligibility Worksheet to determine if you are eligible for aid or partially eligible for aid.

Many types of federal student aid, such as the Federal Pell Grant or subsidized loans where the government pays the interest while you are in college, also require you to have financial need. Additionally, once you have a bachelor's degree or a first professional degree, you are generally not eligible for Pell or Federal Supplemental Educational Opportunity Grants (FSEOG).

Other requirements may apply. Contact the financial aid office at your college for more information.

Academic Standards and Financial Assistance

Students who receive financial assistance are required to maintain satisfactory and measurable academic progress. A student must complete at least 67 percent of the total number of units they attempt (passed hours divided by attempted hours). All courses with grades of A, B, C, D, or F as well as P, W, I, IP, NP, MW, and repeated courses will be counted towards the total attempted units. Units from other regionally accredited colleges and universities that have been evaluated by the Compton College Admissions and Records Office and applied to the student's record will also be counted. In addition, a student must maintain a 2.0 cumulative grade point average (GPA). This GPA includes units at Compton College and those from other regionally accredited colleges and universities that have been evaluated by the Compton College Admissions and Records Office and applied to the student's academic record at the time a student petitions to graduate. GPA units are those with grades of A, B, C, D, or F. Progress will be reviewed at least once each term if the student attended at least one of the mini sessions. Students should review the current Satisfactory Academic Progress (SAP) policies on the Financial Aid webpage to clearly understand these standards. Financial aid academic standards should not be confused with the campus academic standards. Both standards apply to all students even if the student has not applied for financial aid.

Student Success Completion Grant (SSCG) -

Cal Grant recipients may be eligible to receive up to \$4,000 per year. Each semester's disbursement will be based on the student's enrollment, which must be at least fulltime in order to receive a disbursement. Students enrolled in 12 units or more (but less than 15 units) will be eligible to receive \$649 for the semester. Students enrolled in 15 or more units will be eligible to receive \$2,000 for the semester.

First Year Experience (FYE)

Starting a new educational journey can be exciting and overwhelming. Whether you are transitioning from high school or returning after a few years of working, there are so many decisions to make and challenges to face. The First Year Experience program is designed to help first time college students be successful in their first year of college life by providing a supportive, caring environment of educational and career services. The following services are provided to students in the First Year Experience Program:

1. Early Registration
2. Guaranteed Linked Courses
3. FYE Faculty
4. On-going Counseling Support
5. Learning Community Model
6. Strategies for Success in College
7. Field Trips
8. Peer Mentors

For more information about the First Year Experience Program, please call 310-900-1600, ext. 2758 or visit the office in F-19.

Health Center

The Health Center is located in M-4, near Campus Police and the Gym. Walk-in hours are Tuesday and Wednesday 8:30 a.m. to 5:30 p.m. and Thursday 11:00 a.m. to 7:00 p.m.

The Health Center is staffed by nurse practitioners, medical assistants and clinical staff.

Some of the free services provided are non-emergency care and treatment, first aid, family planning, skin condition exams, and health education. Lab services such as Pap smears, blood tests, or pregnancy tests are also available. Vaccinations for the flu and hepatitis, as well as a few others, are available at an additional cost.

The Health Center services are provided for students 18 years of age or older who pay the mandatory health fee. High school students permitted to attend the college on a concurrent enrollment basis are not eligible for health services. College students under 18 years of age subject to other admissions criteria must pay the health fee and submit a parental or guardian consent form to receive health services.

Photo Identification Card

All students are required to obtain a free Compton College identification card. These cards are available in the Student Life Office located in Room R-61. The hours are Monday- Thursday 8:00 a.m. to 6:00 p.m.; and Friday, 8:00 a.m. to noon.

The identification card serves as photo identification and is required for Library services, campus activities, access to the Student Success Center and Open Computer Labs, and to verify attendance in classes.

Special Resource Center

Compton College is committed to students with disabilities and their right to an equal educational experience. Students are encouraged to use services as a way to gain equal access and full integration into all aspects of college life. Persons with disabilities that affect one or more major life functions, resulting in an identified educational limitation, may be eligible for any number of support services provided through the Special Resource Center.

Disabilities Served

Compton College serves students with a variety of disabilities, including, but not limited to:

1. Acquired brain injuries
2. Deaf/Hard of hearing
3. Learning disabilities
4. Physical or orthopedic
5. Visual
6. Other disabilities including ADHD, chronic illness, mental health

The main office is located in Room VT 109 and the High Tech Center is located in Room VT 226-B. The High Tech Center is a computer lab available to SRC students to complete assignments and by referral for prescribed accommodations. These services may include assistive software technology, testing accommodations, equipment loans and alternative media support for course materials.

Some of the general services available are:

1. Program Orientation
2. Campus and Community Referrals
3. Counseling and Career Advisement
4. Educational Plans and Academic Support
5. Handicapped Parking
6. Interpreter Services
7. Liaison with Faculty and Staff
8. In-class Note Taking
9. Peer Counseling
10. Priority Registration
11. Test Accommodations
12. Tutorial Assistance

For more information about the Special Resource Center, please call 310-900-1600, ext. 2402, 2409 or visit Room VT 109 or VT 226-B.

Student Equity and Achievement Program

The Student Equity and Achievement (SEA) Program offers services that help students attain educational and career goals. The services are designed to match abilities and personal goals with the college's curriculum, programs, and services.

SEA Program services are intended to help students make informed decisions as they develop an educational plan.

These services support educational development and recognize each student's worth.

Students are expected to participate in a number of steps to be eligible for priority registration.

Transfer and Career Center

The Transfer and Career Center offers students a one-stop location to explore transfer options and different careers.

The mission of the Transfer and Career Center is to strengthen the transfer and career function at Compton College by offering activities that increase student awareness of transfer and career opportunities so that more students are prepared to transfer to four-year colleges and universities. Students have access to: counseling, workshops, links to career pathways, career preparedness, effective job/college searches, partnerships with colleges and employers, university tours, and transfer agreements. Assistance is also available on the following topics: resume writing, interview skills, how to dress for success, and how to find and land a job.

For more information about the Transfer and Career Center, please call 310-900-1600, ext. 2764 or visit the office in the D-29.

Veterans Services

The Veterans Office, located in the Financial Aid Office, Room E-17, helps students obtain information for the collection of veterans educational benefits and provides information on educational and counseling services. An application for program certification may be obtained in the Compton College Financial Aid Office. The completed application, along with copies of the service separation form (DD-214), should be submitted to the Financial Aid office at Compton College. A person who is eligible for Veterans' benefits and who wishes to use them at Compton College should make an appointment to see the Veterans liaison in the Compton College Financial Aid Office.

Before Compton College will certify enrollment to the VA, it is essential for students to make appointments with the Compton College Veterans Counselor to have a Veterans Individual Education Plan completed. To make an appointment to see the Veterans Counselor, call 310-900-1600, ext. 2082.

Status

Enrollment is verified within one of the following classifications:

Regular College Year

Full-time: 12 or more units Three-fourths time: 9 to 11.5 units Half-time: 6 to 8.5 units

Summer Session

Summer session varies in length and units. Veterans should check with the VA Office.

Compton College considers veterans and eligible dependents the same as all other students in regard to attendance and academic requirements.

If it is necessary to add a course, drop a course or withdraw from classes, the student must inform the Veterans Coordinator and file the necessary form with the Financial Aid Office. When notified, the veterans' clerk will send a Change in Student Status Form (VA form 22-1999B) to Veterans Affairs.

Repayment of Benefits

A veteran or eligible dependent who receives a grade of "W" in units for which he or she has received VA benefits may be required to repay all money received for those units. A reduction to less than six units may require the student to repay all money received for the semester.

Advance Payment

Public Law 92-540 provides that an advanced educational assistance allowance may be paid. Contact the veterans' clerk for details.

Welcome Center

The Welcome Center maintains a student-first philosophy to assist students as they transition to college. The Welcome Center offers a wide array of student services designed to accommodate students' needs in a one-stop location that promotes student success and retention in a nurturing and welcoming environment.

The Welcome Center operates campus tours and presentations for prospective students. The Welcome Center provides students with general information regarding college programs and access to computers. It also provides students with quick access to academic schedules, registration forms, and various campus publications such as the catalog, schedule of classes, and Compton College maps.

All visitors are encouraged to stop by the Welcome Center to pick up a Compton College map and information about the academic opportunities available for students and members of the community.

For more information on the Welcome Center, please call 310-900-1600, ext. 2765, outreach@compton.edu or visit Room D-27.

Library-Student Success Center

Library

The Library, located on the first floor of the building, is open to the public; however, only currently enrolled El Camino College and Compton College students may check out materials. Also available: library research instruction, library reference services, and group study rooms. During the fall and spring semesters, the library is open Monday through Thursday, 8:00 a.m. to 8:00 p.m.; Friday, 8:00 a.m. to 4:00 p.m.; and Saturday, 9:00 a.m. to 2:00 p.m. The summer session hours vary (please call the library for these hours). The library is closed when classes are not in session. For additional information, call the Compton College Library at 310-900-1600, ext. 2175.

The library collection includes print books, e-books, audio and video titles, periodicals, and subscriptions to about 42 online computer databases. The Textbook Reserve Collection provides materials for use within the library.

Archive Collection

The archive collection contains photographs, documents, memorabilia and everything related to the history of Compton College from 1927 to present.

Art Gallery

Open to the public, the Art Gallery presents a rotating series of exhibits and collections on loan from other institutions as well as student art shows.

Student Success Center (SSC)

The Student Success Center is located on the second floor, where students have access to three drop-in tutorial centers, including general tutoring, a Math & Science Center, Reading and Writing Center, Faculty Innovation Center, and a new 100 PC computer lab. The Student Success Center also offers a Supplemental Instruction (SI) program, Directed Learning Activities (DLA), academic skills workshops, and peer-led tutoring. During the fall and spring semesters, the centers are open Monday through Thursday, 8:00 a.m. to 8:00 p.m.; Friday, 8:00 a.m. to 4:00 p.m.; and Saturday, 8:00 a.m. to 2:00 p.m. The summer session hours vary (please call the Student Success Center's front desk for these hours). The library is closed when classes are not in session. For additional information, call the Compton College Student Success Center at 310-900-1600, ext. 2535. All services are FREE to registered Compton College students.

Academic Tutoring

Tutoring is free and available to all Compton College students. The tutorial program is certified through the highly recognized College Reading and Learning Association. Tutoring is available in various subjects such as anatomy, math, nursing, English, chemistry, Spanish, physiology, English as a Second Language (ESL), and many others. All tutoring sessions are available on a drop-in basis, no appointment necessary.

Math & Science Center

The Math & Science Center provides free group tutoring on a drop-in basis by trained peer tutors and adjunct faculty tutors. The Math & Science Center sponsors programs to further assist math students. The Math Workshop Series is a set of one-hour workshops presented by tutors covering topics from basic math to college algebra.

The Math & Science Center assists students with the following:

1. Understanding key concepts
2. Reviewing chapter content
3. Building stronger math/science study skills
4. Guiding students through solving math and science problems

All tutoring is conducted in a group-setting environment and collaborative learning is encouraged.

Reading and Writing Center

The Reading and Writing Center provides free tutoring on a drop-in basis. Tutors assist students in deciphering writing tasks, organizing reading/writing assignments, and developing content and critical thinking. While the tutors do not provide copy editing services, the tutors do assist students in identifying and correcting specific grammatical errors. In addition, the center provides a Workshop Series presented by a faculty tutor. This series provides focused instruction on particular skills and reading/writing tasks, from fragment identification to scholarship essays.

Learn How to Be a Successful Reader

Our Reading and Writing tutors will work with students to help them become better readers. Students will learn reading strategies that will not only help in current classes, but throughout all academic endeavors and beyond. Simply drop in. There is no need to schedule an appointment. All RSC tutors are available to help students on a walk-in basis.

What to Bring

For help with a specific class, bring a textbook or novel, supporting articles/notes, and course syllabus. Also, don't forget student ID.

Supplemental Instruction

Supplemental Instruction (SI) is a series of weekly review sessions for students enrolled in selected courses. At colleges and universities throughout the country, the SI method has been proven to help increase student understanding of course material and raise grades.

Attendance at SI sessions is voluntary. Students have an opportunity to compare notes, discuss important concepts, study for tests, and develop strategies for studying and learning.

An SI Coach facilitates the SI sessions. The Coach is an exemplary student who has previously taken the course, with a grade of A or B.

What can you expect from your SI Coach?

1. Attends class along with the students
2. Is trained in the most effective learning and study strategies
3. Operates as a model student and relays tips on the most effective study skills
4. Integrates "how to learn" with "what to learn" in SI classes
5. Provides leadership structure to the study session
6. Is a facilitator for the grade-raising collaborative learning strategies
7. Models critical thinking and problem-solving techniques
8. Empowers students to become independent learners

SSC Computer Lab**Student Lab**

Compton College has a sophisticated central instructional computer facility, which includes state-of-the-art computers connected to the Compton College network. The multi-disciplinary lab is designated for registered Compton College students. This computer lab contains 100 personal computer systems, interconnected via a high-speed, Ethernet network. The lab offers a wide array of software, including the latest packages for word processing, desktop publishing, and other applications.

A valid Compton College email address and password are required to use and access any of the computers in the computer lab. All computers have student network access to pay for print, email, and the Internet. Instructional assistants are available to provide any instructional support to students and faculty during the hours of operation.

Faculty Innovation Center

The Faculty Innovation Center (FIC) is dedicated to maximizing the effectiveness of Compton College's instruction, research, and outreach endeavors through collaboration and technology expertise. The FIC provides high-quality instructional technology to support pedagogy and research. The center's services for faculty include a meeting area and four computer stations connected to the College's network for web conferencing, web applications, classroom preparation, printing, scanning and faxing access. Instructors participating in Learning Communities, Supplemental Instruction, and Team Learning can reserve the FIC for meetings and program planning at the front desk.

Learning Resource Center

The Learning Resource Center, located on the upper floor of the Library - Student Success Center, provides tutoring and academic support services for all registered students attending Compton College. The center strives to provide assistance to both students and instructors in the learning process. Assistance is not limited to any student population or any particular discipline. The activities are designed for instructional support and reinforcement. All tutoring sessions are on a drop-in basis, no appointment is necessary.

The following services are provided:

- Study skills workshops – the list of workshops are usually posted at the beginning of each semester.
- Academic resources – a wide range of software that deals with a variety of subjects are available for use at the LRC for independent study.
- Computer Stations – the computers are available for Internet access, word processing, academic research and printing of assignments.
- Computer Assisted Instruction (CAI) Lab
Students in developmental courses are required to use the computers and educational software to enhance their skills needed for their coursework. The lab is open to any El Camino College Compton Center students who wish to improve their skills in reading, writing, math or sciences. The CAI Lab is located in Room G-33.
- Math/Science Center
- Writing Center
- Supplemental Instruction (SI)



Mathematics, Engineering, Science Achievement (MESA) Program

MESA is based on a rigorous academic program that uses various components to support students pursuing math and science based degrees. Program components build an academically based peer community to provide student support and motivation. This community of learners, with a very specialized focus, is what sets MESA apart from other student success programs.

MESA creates a strong partnership between staff, advisors, school district officials, university professors and administrators, industry members, and parents. Industry involvement is especially strong since companies recognize MESA's ability to produce highly trained profession.

Student Eligibility:

MESA serves educationally and financially disadvantaged students and emphasizes participation by students from groups with low eligibility rates to four-year colleges. MESA focuses on students majoring in Mathematics/Engineering/Sciences who will transfer to a university. To be eligible for the MESA Program, You need to meet the following criteria:

1. Enrollment in Math 80 or above
2. Declare a transfer major in a math or science-based field
3. Be in good academic standing
4. Proof of Financial need
5. Educationally Under-Served

MESA Services:

- Enrichment in mathematics, physics, chemistry, biology, and other related sciences
- Study Space
- Academic Excellence Workshops
- Access to Books & Computers (with Visual Studio and NetBeans)
- Career & Personal Counseling
- Degree & Transfer Requirement Assessment
- College and Major Exploration
- Networking Opportunities within Your Field
- Research, Internship & Scholarship Assistance
- Professional Development Workshops

How to apply to the MESA program:

Stop by the MESA|STEM Center located in L-SSC 221 inside the computer lab and submit an application.

Other College Programs

Alpha Gamma Sigma

To help students further develop their leadership skills, a chapter of the Alpha Gamma Sigma (AGS) Honor and Scholarship Society was established at Compton College in 2011. In addition to supporting the academic endeavors of its members through study groups, tutorials and scholarship opportunities, the Alpha Gamma Sigma Honor and Scholarship Society offers ways to gain leadership positions, participate in community service, and meet other students with similar academic interests.

Students must maintain a GPA of 3.0 or better to be members of AGS and most chapters set a minimum number of hours of community service that members must perform. At its annual convention, AGS awards thousands of dollars in scholarships to members who excel in academics and in service. Qualifying students may contact the Office of Student Life for information on joining AGS and to obtain an application. Additional information about AGS can be found at www.ags-honor.org/.

Distance Education

Many courses offered at Compton College may be taken through Distance Education. Online courses via computer and the web are offered. Distance Education courses are ideal for students who need a flexible class schedule. In addition to online courses, we offer hybrid courses. Hybrid courses require weekly on-campus class sessions.

Students may register for Distance Education courses through regular registration process via www.compton.edu.

For further information, visit the Distance Education Office located in Vocational Technology Building, Office 140, call 310-900-1600, ext. 2137 or visit www.compton.edu/academics/distance-ed.

Honors Program

Students at Compton College can earn honors course credit in transfer-level classes by completing an approved Honors Contract project. Please refer to the Honors Contract Packet for detailed information and requirements.

While students are not required to be formal members of the Honors Transfer Program (HTP) to earn honors course credit at Compton College, those who qualify for HTP membership are encouraged to join, as there are significant advantages for students who are pursuing a university degree, including preferred admission and other benefits.

The Honors Transfer Program at Compton College is designed to better prepare the highly motivated student to complete a bachelor's degree. The HTP provides a unique learning environment that stresses academic excellence and develops the awareness necessary to achieve this goal. The major objective of the program is to prepare students to transfer by focusing on advanced reading, writing, critical thinking, and study skills. Honors courses are academically enriched to stimulate students intellectually, encourage independent critical thinking, and promote close interaction between students and faculty.

Details about the Honors Transfer Program membership requirements and the application process are available in the HTP Student Handbook. Students may apply to the Honors Transfer Program by completing the online application, available at www.compton.edu/academics/honorsprogram/ or by visiting the HTP Office in G-39-D. For further information, call 310-900-1600, ext. 2558.

Oliver W. Conner College Promise Program

To make a college education more accessible and affordable to all high school students, the Compton College Promise program was established to offer high school graduates from the Compton, Lynwood and Paramount Unified school districts

Through the Compton College Promise, high school graduates who attend Compton College fulltime (12 units) beginning the fall immediately after graduation will have enrollment fees waived for the first year. This means enrollment fees for the fall semester, winter term, spring semester and summer term at Compton College will be paid during that one-year period.



The Compton College Promise includes the following benefits for eligible students:

- Guaranteed admissions to Compton College.
- Assistance with the registration steps necessary for full-time enrollment at Compton College.
- Priority registration at Compton College before graduating from high school for CUSD, LUSD, and PUSD seniors.
- Opportunities to participate in support programs such as the First Year Experience and Extended Opportunity Programs and Services for additional resources to successfully navigate through Compton College and beyond.
- Assistance with the completion of a Financial Fit Plan to help high school graduates access all available financial aid to help pay for college.
- Summer Bridge classes at Compton College for recent high school graduates to assist with college level English and math placement.

For more information, call 310-900-1600, ext. 2767, or go online: <http://www.compton.edu/student/comptonpromise/>.

Student Activities/College Life

Athletics

The Compton College Tartar Athletics Program is a member of the South Coast Conference and the Southern California Football Association, and is governed by the California Community College Athletic Association. Intercollegiate competition is offered in badminton, baseball, basketball, cross-country, football, track & field, soccer, softball, and volleyball. For more information on our sports programs, please call 310-900-1600, ext. 2940 or visit Building W.

Student Life

The Office of Student Life is the focal point for campus activities/events, and the associated student government. Located in building R-61, the office is open Monday, Tuesday, Thursday, 8:00 a.m. to 4:30 p.m.; Wednesday, 8:00 a.m. to 6:00 p.m.; and Friday, 8:00 a.m. to noon. For more information on the Student Life Office, please call 310-900-1600, ext. 2802.

Services provided by the Office of Student Life include, but are not limited, to the following:

1. Student Photo ID Cards
2. Campus Information Referrals
3. Student Insurance Claims
4. Student Housing Referral
5. Student Bus Pass Applications
6. Trust Funds Disbursements
7. Student Activities

Student Government

Compton College students have ample opportunity for self-government, self-direction, and participation in the governance of the College. A student council, composed of officers elected each year, determines how the student service fees will be used, coordinates student activities on campus, transacts student business, and represents student views on issues of current importance at Compton College. Through student government, students serve on committees and represent the student body at area and state student government conferences each semester. The council meets weekly, and all meetings are open to members of the student body.

A copy of the constitution of the Associated Student Body, which governs the associated student body operations, may be obtained in the Office of Student Life.

Student Clubs and Organizations

Student clubs and organizations offer an extensive program of activities and provide opportunities for active involvement in campus and community life. Student groups offer experiences in the democratic process, the skills and responsibilities of citizenship, and participation in the governance of Compton College. Clubs centering on special student interests, hobbies and skills offer opportunities for personal growth and development.

Students are encouraged to plan and organize their own programs and events with the help of faculty and staff members acting as advisers and consultants. All student groups are governed by their constitutions, the Interclub Council constitution, and general guidelines. Copies of constitutions and guidelines are available in the Office of Student Life.

All student organizations are open to qualified students, regardless of race, religion, or national origin.

For an updated list of Student Clubs and Organizations, please visit the Office of Student Life.

Additional groups can be organized by petitioning Student Life and the Associated Student Body for authorization to become new clubs on campus.