Mission Statement: El Camino College offers quality, comprehensive educational programs and services to ensure the educational success of students from our diverse community.

Contact Information:

<table>
<thead>
<tr>
<th>Instructor</th>
<th>Gayathri Manikandan (“Guy-Ah-Tree Money-Can-Don”)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class Time / Room</td>
<td>Tuesdays, Thursdays  2:00pm to 4:05PM / MS-207</td>
</tr>
<tr>
<td>Office Hours at MS213</td>
<td>Mondays and Wednesdays : 10:00 to 10:30am and 1:00 to 2:00pm  Tuesdays and Thursdays: 9:15 to 10:15am</td>
</tr>
<tr>
<td>Phone</td>
<td>(310) 900-1600 Extn: 2434</td>
</tr>
<tr>
<td>Website</td>
<td><a href="http://www.compton.edu/facultystaff/gmanikandan/">http://www.compton.edu/facultystaff/gmanikandan/</a></td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:gmanikandan@elcamino.edu">gmanikandan@elcamino.edu</a></td>
</tr>
</tbody>
</table>

(When you email me, include your name, class name, class meeting hours, reason for your email)

Required Course Materials:
- **Textbook:** Pre Algebra (7th edition) by McKeague. ISBN13: 9781133800163
- Hand-outs, 3 ring Binder with Dividers, One subject 70 sheet college ruled notebook for homework
- 3-hole punched paper, graph paper, Pencils, highlighters, eraser, ruler and stapler.
- **Basic Calculator.** (Used only on some sections) You may NOT use a cell phone or any other item that contains a calculator. Your calculator must be just that, a calculator. Calculators can't be shared in the exams.

Prerequisite: Mathematics 12 with a minimum grade of C or qualification by testing (El Camino College Mathematics Placement Test) and assessment.

Credit: Non Degree credit  Transfer: None

Course Description: 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.

Course Objectives:
1. Acquire effective study skills including the use of the calculator in appropriate situations.
2. Perform various operations (addition, subtraction, multiplication, division, and exponentiation) on different sets of numbers (whole, integer, and rational) and recognize equivalence when it occurs, particularly with fractions, decimals, and percents.
3. Formulate mathematical representations of real-world applications including the recognition of proportional relationships.
4. Estimate to determine the reasonableness of results.
5. Recognize and apply the concepts of variable, expression, and equation.
7. Find perimeters, areas, and volumes of various geometrical shapes and use in applications.
8. Represent linear relationships with tables, graphs, and equations (coordinate graphing).
9. Read, interpret, and construct tables, charts, and graph.

SLO Statements: Upon successful completion of this course, a student will be able to:
1. **Application Problems:** Students will recognize the underlying mathematical concepts in order to successfully evaluate expressions and formulas in a given context (word problems, data, diagrams, etc.) and apply those concepts correctly in authentic, real-world application problems.
2. **Solving Equations and Manipulating Expressions:** Students will use numerical and symbolic representations of mathematical ideas to simplify linear expressions and solve linear equations.
3. **Visual and Graphical Methods:** Students will be able to use visual or graphical methods to solve linear equations and problems involving geometry and measurement.
4. **Articulating Mathematical Reasoning:** Students will verbally articulate (orally or in written form) the mathematical reasoning they used to solve a numeric or linear problem or analyze a numeric or linear situation.
Methods of Evaluation: Grading: In order to pass the class, Students should get at least a 70%.

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
<th>Grade Range</th>
<th>Total Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>80</td>
<td>A = 90% – 100%</td>
<td>Total of 450 to 500 points</td>
</tr>
<tr>
<td>Class Work</td>
<td>20</td>
<td>B = 80% – 89%</td>
<td>Total of 400 to 449 points</td>
</tr>
<tr>
<td>Exams</td>
<td>300</td>
<td>C = 70% – 79%</td>
<td>Total of 350 to 399 points</td>
</tr>
<tr>
<td>Comprehensive Final Exam</td>
<td>100</td>
<td>D = 60% – 69%</td>
<td>Total of 300 to 349 points</td>
</tr>
<tr>
<td>TOTAL</td>
<td>500</td>
<td>F = 0% – 59%</td>
<td>Total of 0 to 299 points</td>
</tr>
</tbody>
</table>

Note: I usually don’t give Incomplete grade which is “I”.

Grade Tracking: Keeping track of your grade average is your responsibility. When you get a score enter it in the table and save the work or exam. In case of any grade disputes, I may ask you to bring all the work and exams. In case of lost work, whatever score I have will be considered.

Grade Tracking Table:

<table>
<thead>
<tr>
<th>Exam</th>
<th>Your Score</th>
<th>Out of</th>
<th>Exam Total</th>
<th>Your Score</th>
<th>Out of</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>100</td>
<td></td>
<td>Exam Total</td>
<td>300</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>100</td>
<td></td>
<td>HW Total</td>
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<td></td>
</tr>
<tr>
<td>3</td>
<td>100</td>
<td></td>
<td>CW</td>
<td>20</td>
<td></td>
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<tr>
<td>4</td>
<td>100</td>
<td></td>
<td>Final</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

Drop the lowest exam score

Exam total | 300 | Total Points | 500

Homework: (Total: 80 points)

- Late homework will not be accepted. Once a section is completed, you should bring the homework for that section the next class meeting.
- Use a one-subject 70 Sheet College Ruled notebook to do your homework. Use both sides of the page whenever possible. Write the Homework due date, Section Number, Problem number, Category Heading. You need not copy the question for the word problems.
- Do the Homework in pencil; show all the needed work clearly. Each day’s homework will be worth around 3 points.
- For every section covered, your need to do every other odd-numbered problem in each exercise 1, 5, 9, 13, 17, 21, etc. until the end.
- All homework problems assigned are the ones with answers provided in the text. Check your answers before handing it in. This will help you to know which ones you still need to work on and/or ask for help on.
- Homework is graded based on neatness, completeness and spot-checking.

Classwork: Classwork and the folder will be checked on Tuesday 05/10/16, no exceptions and worth 20 points. Class work, group work and other activities should be done in pencil with date on each work and must be saved in the binder according to date. The class work time should be spent only for doing the class work and not for chatting with your group members that I assign in the class. Students enrolled in this course are required to participate in individual and group activities.

Exams: There will be four (4) exams worth 100 points each. Exams must be taken on the day indicated on the schedule. I do not give makeup exams. One of the lowest exam score will be dropped.

Final Exam: Thursday, May 12th, 2014. The final exam will be comprehensive and will cover chapters 1 to 9. You must take the final in order to earn a passing grade in the class. Final exam is worth 100 points.

Academic Integrity:

Students are responsible to inform themselves of college policies regarding the code of academic integrity. Dishonesty, including but not limited to cheating, plagiarism, signing in for somebody else on the attendance roster or knowingly furnishing false information to the college will result in disciplinary action. This could range from an F for that piece of work, suspension from all classes for that or following semesters, or expulsion from the college. I will report cheating students to the mathematics department without hesitation.

Students with Special Needs:

Any student who feels that he/she may qualify for accommodations for any type of disability, contact Special Resource Center. Please let me know immediately with the proper documentation.
Attendance:
- Students will not be permitted to attend classes in which they are not enrolled.
- Children are not permitted in classrooms while class is in session.
- Students who miss three classes or two exams due to any reason may be dropped from the class.
- If you miss even one class, it is hard to follow the next class. Therefore on time attendance at every class is expected. You are considered late if I have finished taking roll and have started the day's lesson. If you are late, or planning to leave early, it is your responsibility to let me know. Two tardies are equivalent to one absence for drop purposes.
- However, it is Students’ responsibility to drop any class you no longer want to attend before the drop deadline.
- Taken this class seriously is the first step to your success.

Missed Material: Students are solely responsible for any material and/or announcements missed in class regardless of their absence or presence including being aware of your status in the class. In other words, it is your responsibility to find out what you missed from your classmates! Get the phone number or email address of other students to find out what you missed during your absence.

1. __________________________________________________________________________
2. __________________________________________________________________________
3. __________________________________________________________________________
4. __________________________________________________________________________

Withdrawals and Important Dates:
It is your responsibility to drop any class you no longer want to attend before the drop deadline.
Class Begins: Tuesday, January 19, 2016
Last day to Add: Friday, January 29, 2016
Last day to drop without “W” and be Eligible for Refund: Friday, January 29, 2016
Lincoln’s Day Holiday: Friday, February 12, 2016
Spring Recess Holidays: Saturday-Friday, March 12 - 18, 2016
Last day to drop with a “W”: Friday, April 15, 2016
Class work check: Tuesday, May 10, 2016
Final Exam and Class Ends: Thursday, May 12, 2016

Resourses: Make good use of all the available resources.
- See me in my office hours to get help in homework, exam corrections, etc.
- Free Tutoring Services and computer assisted learning services are available at Student Success Center.
- WebAssign: For online assistance with this course 24/7 you can log in to WebAssign. “Developed by professors based upon their classroom experiences, WebAssign is designed to provide a convenient and engaging way for students to solve math problems and/or submit online homework while receiving immediate feedback and tutorial help. The math exercises are tied to resources from the textbook – including video, interactive tutorials, and pages of the text – which maximizes the student’s efficiency while studying. WebAssign is available at all hours of the day, through a variety of web browsers and operating systems.”

Use the following steps:
Go to www.cengage.com/ewa
Click on I have a class key and enter elcamino 0578 2770
Note: The name of the instructor that pops up will be a generic name (e.g. Kerry Behymer), not the name of your current instructor.

- Weblinks:
  - Videos: http://www.wallace.ccfaculty.org/videos.html
  - Solved Problems: http://www.openalgebra.com
Class procedures:

- Bring all needed materials to every class, including your Syllabus, Handouts, Homework Notebook.
- Stay alert, take a lot of notes, and ask questions. Daily participation is expected.
- When solving problems, show all work, not just answers, in a logical sequence of mathematical steps (applies to board work, homework, tests and the final exam).
- You are not allowed to do any other work except math in the class.
- Any student disrupting the class may be asked to leave or to change seats.
- All electronic devices must be turned off; Please turn the audio off on the cell phones before entering class. No headphones are allowed in the class.
- No audio or video recording is allowed in the class without getting permission from the instructor. Pictures should not be taken in the class. Students are not allowed to upload any class material in the internet.
- **Bottled water is okay. But, please do not bring any food other drinks into the classroom.**
- Be courteous and respectful to others. When others are speaking, it is your time to listen. Their question or my answer may have been what you were seeking to learn.

Class Schedule: Math 23(9729) TTH 2:00pm to 4:05PM / MS-207

<table>
<thead>
<tr>
<th>Wk</th>
<th>Tuesday</th>
<th>Sections Covered</th>
<th>HW</th>
<th>Thursday</th>
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<td>1/21/2016</td>
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<td>1.6, 1.7, 1.8</td>
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<td>1/28/2016</td>
<td>2.1, 2.2, 2.3</td>
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<td>4/26/2016</td>
<td>Catch up and Review</td>
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<td>4/28/2016</td>
<td><strong>Exam 4: Chap 7, 8</strong></td>
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<td>16</td>
<td>5/10/2016</td>
<td>Review and CW check</td>
<td></td>
<td>5/12/2016</td>
<td><strong>Final Exam: Chap 1 to 9</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Note:**

1. The above mentioned Syllabus is subject to change at the discretion of the instructor.
2. If you have any questions regarding this class, please feel free to email or talk to me.