

Empowering Education: Responsible and Effective Use of AI in the College Classroom

Lauren Miller, M.Ed.
Accessibility Specialist



Presentation Objectives

01

Dispel
misconceptions

02

Highlight benefits
of AI

03

Provide actionable
strategies for
effective use

Overview of AI in Higher Education

Student Support
& Engagement

Accessibility &
Inclusion

Research
Assistance

Content Creation

Plagiarism
Detection &
Academic
Integrity

Common AI Misconceptions

- “AI will replace educators”

Reality: AI enhances teaching, not replaces it

- “AI encourages laziness”

Reality: Encourages creativity and efficiency with proper use

- “AI is unreliable or biased”

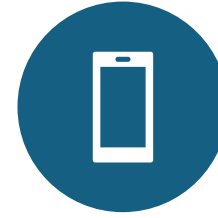
Reality: Requires review, but still a valuable tool

Overall Reality: AI is a tool to support, not replace educators

Everyday AI Tools Already in Use



Microsoft Word:
Grammar and spell
check



Email Apps:
Predictive text and
autocorrect



Search Engines:
Personalized search
results



Streaming Services:
Content
recommendations



Smart Assistants:
Voice commands
and task automation



Social Media
Platforms:
Automated
suggestions and
content moderation

Principles of Responsible AI use

Transparency

Privacy
Protection

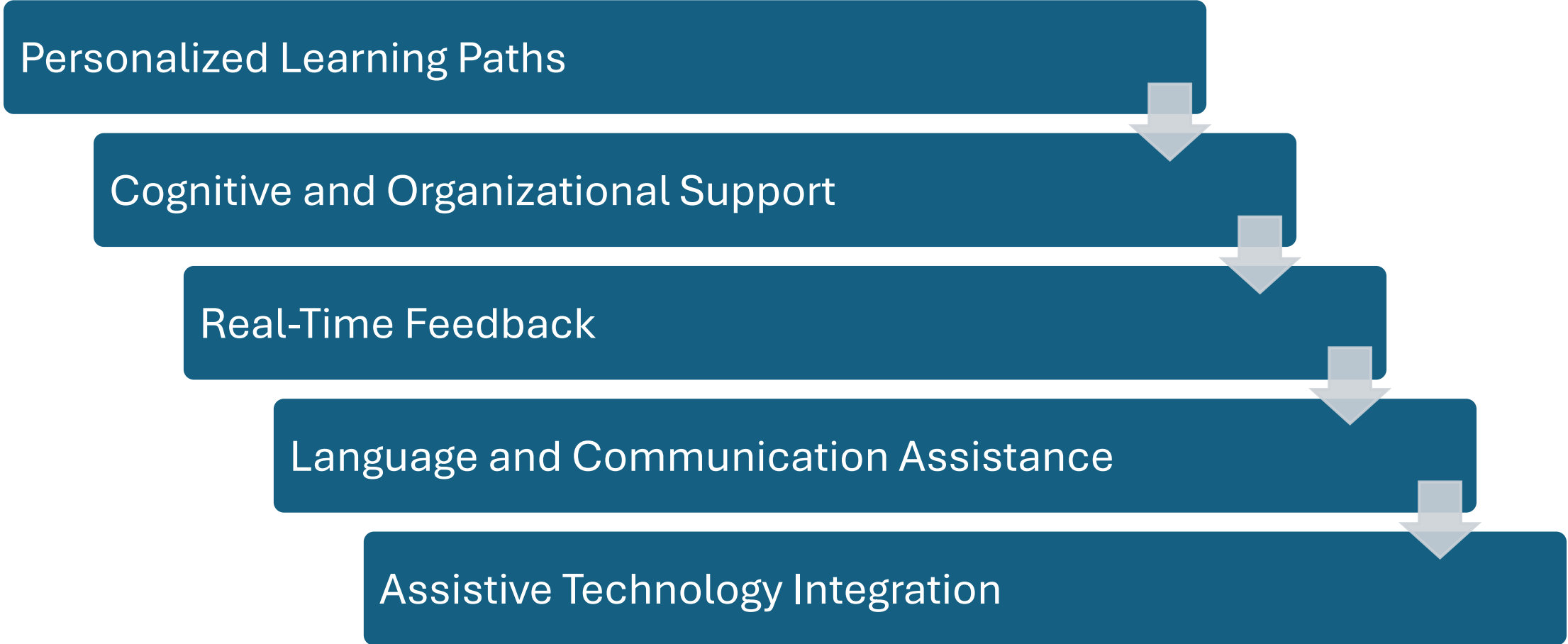
Equity and
Inclusion

Accountability

Academic
Integrity

Supporting Diverse Learning and Students with Disabilities

Personalized Learning Paths



```
graph TD; A[Personalized Learning Paths] --> B[Cognitive and Organizational Support]; B --> C[Real-Time Feedback]; C --> D[Language and Communication Assistance]; D --> E[Assistive Technology Integration];
```

Cognitive and Organizational Support

Real-Time Feedback

Language and Communication Assistance

Assistive Technology Integration

AI Tools for Student Use

ChatGPT

Grammarly

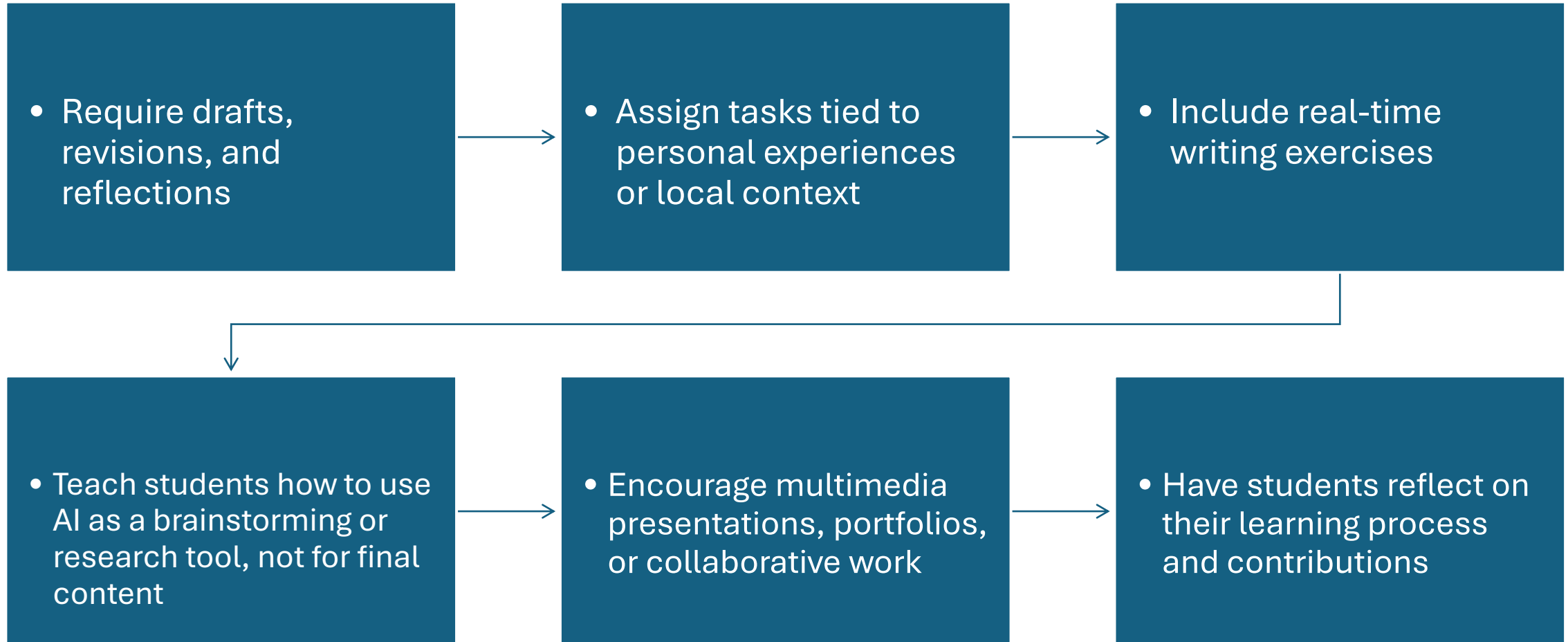
Otter.ai

Read&Write

MyStudyLife

Wolfram Alpha

Encouraging Originality in the Classroom



Student AI Use Demo: ChatGPT



**A. Brainstorming a Research
Topic**



B. Creating an Essay Outline

Prompts that Discourage AI Use

- **Psychology:** "Describe a personal experience that illustrates a cognitive bias discussed in class."
- **Communication:** "Write a response to a current event during class and present your perspective to your peers."
- **Health Sciences:** "Design an infographic on mental health resources for college students."
- **Social Work:** "Interview a community leader and write a case study on their role in addressing social issues."
- **Environmental Science:** "Propose a solution to reduce the college campus carbon footprint and present your findings."



Faculty Benefits of AI

Content Creation:
Generate quizzes,
assignments, and
lesson plans

**Administrative
Efficiency:** Draft
emails, reports, and
summaries

**Improved
Accessibility:** Create
transcripts, captions,
and alternative
formats easily

AI Tools for Faculty Use

ChatGPT

Grammarly

Otter.ai

Descript

SensusAccess (RoboBraille)

Microsoft Translator

Faculty AI Use Demo – ASU AI Teaching Tools



Alt Text Generator: Create accurate image descriptions for accessibility



Learning Objective Generator: Develop clear, measurable learning goals



Exam Generator: Quickly create quizzes and test questions



Rubric Generator: Build custom rubrics for consistent assessment criteria

Institutional AI policies

Clarify	Clarify when and how AI can be used
Address	Address AI-generated content
Safeguard	Safeguard student information
Ensure	Ensure human review of AI outputs
Promote	Promote fair use for all students
Assess	Regularly assess AI tools for effectiveness and bias

Wrap-Up

- AI is a Tool for Support, Not Replacement
- Enhances Efficiency, Accessibility, and Engagement
- Encourages Responsible and Ethical Use
- Focus on Personalization and Equity
- Explore AI Tools Thoughtfully
- Maintain Faculty Oversight and Academic Integrity

The background is a solid dark blue. A large, semi-transparent circle of a slightly lighter shade of blue is positioned on the right side, partially overlapping a vertical line that runs from the top to the bottom of the frame.

Q&A

Resources

- [ASU Online AI Teaching Tools](#)
- [EDUCAUSE AI](#)
- [AI Tools in Teaching and Learning](#)
- [Ethical Use of AI in Academics \(for faculty\)](#)
- [Generative AI & the College Classroom](#)
- [Using AI in the Higher Education Classroom](#)
- [Artificial Intelligence in the Classroom](#)
- [Creating AI-Resistant Assignments, Activities, and Assessments \(Designing Out\)](#)
- [How Do I \(Re\)design Assignments and Assessments in an AI-Impacted World?](#)