

# Your AI Teaching Toolkit: Ideas You Can Use Today

## Practical Ways to Use AI in Your Courses

### 1. Course and Assignment Design

- Use **Gamma** or **Tome** to turn lecture outlines or prompts into visual slides or concept overviews.
- Use **ChatGPT**, **ScaloDraw**, or **Perplexity** to co-create assignments, scaffold case studies, or simulate responses from different student ability levels.
- Use AI to generate sample data sets for assignments (e.g., mock survey results or scientific observations) to let students practice analysis.
- Assign students to co-design a project with AI, then critically evaluate the tool's role in shaping the output.
- Explore **BoodleBox** to enable students to:
  - Collaboratively work with AI.
  - Document their process transparently.
  - Submit a link showing how AI was used—supporting academic integrity and reflection.

### 2. Supporting Student Learning

- Embed optional AI support prompts in your LMS (e.g., “Ask ChatGPT to explain X before class,” or “Generate practice quiz questions.”)
- Pair students: one uses AI to explore a concept; the other critiques or improves the output—building peer learning and reflection.
- Build prompt-based scaffolding: students explore a concept with AI, then write a reflection on how the AI's explanation helped or misled them.
- Scaffold critical thinking by encouraging students to ask AI to explain its reasoning.
- Promote iterative learning: have students prompt AI, analyze the result, revise the prompt, and reflect on the output.
- Teach students to apply verification strategies: check AI's information against reliable sources.
- Use AI as a tutoring supplement to help students practice writing, brainstorming, or reviewing course material.

### **3. Promoting Equity and Inclusion**

- Use multilingual AI (like GPT with language settings) to make complex readings more accessible for students who speak English as an additional language.
- Let students use AI to reframe ideas using analogies, metaphors, or media that match their learning preferences.
- Leverage AI to support inclusive design by accommodating different learning styles, levels, and backgrounds.
- Encourage students to use AI for language support, scaffolding complex ideas, or practicing communication (like writing emails!)
- Invite students to use AI as a thought partner when they feel stuck—especially helpful for students needing academic confidence.

### **4. Spark Creativity + Future Thinking**

- Challenge students to use AI to generate competing perspectives (e.g., “How would a historian vs. a sociologist explain this event?”).
- Ask students to co-create AI-generated interviews, debates, or simulations based on course content.
- Invite students to reflect on the ethical and disciplinary implications of using AI in their future professions.