Course Syllabus
8-Hour Course

Week 1	Week 2
Module 1: **Understanding AI and Its Role in Education** • Identify core capabilities of classroom AI tools for personalized learning, instant feedback, and problem-solving. • Explain the dual impact of AI on learning outcomes, critical thinking, and academic integrity risks.	**Module 2:** **Developing Critical Thinking Skills** • Define critical thinking and its six components. • Apply classroom strategies that prompt students to question assumptions, analyze arguments, and seek multiple perspectives. • Design activities that cultivate self-reflection and independent judgment in academic tasks.
Week 3	**Week 4**
Module 3: **Integrating AI Responsibly in Learning** • Demonstrate ways AI tools can deepen critical thinking. • Train students to verify AI outputs and cross-check with authoritative sources. • Implement safeguards that prevent over-reliance on AI and keep students cognitively engaged.	**Module 4:** **Designing AI-Enhanced Learning Activities** • Construct assignments that require learners to critique and refine AI-generated content. • Embed reflective exercises that prompt metacognition and self-regulation. • Develop collaborative tasks where students leverage AI to explore solutions and debate ideas. • Establish assessment criteria that measure how well students apply critical thinking skills in AI-supported work.