

Course Goals

1. Explain AI Fundamentals

Learners will explain what AI tools are and how they work.

Bloom's: Remember | DP: Understand

2. Identify Benefits & Challenges

Learners will identify the benefits and challenges of AI use in academic, professional, and creative settings.

Bloom's: Understand | DP: Evaluate

3. Evaluate AI Output & Biases

Learners will develop strategies to identify/evaluate AI errors and biases.

Bloom's: Evaluate | DP: Use

4. Demonstrate AI Literacy

Learners will demonstrate practical AI literacy skills in academic and professional and creative settings.

Bloom's: Apply | DP: Use

Course Details

Optional Adoption

Course is optional for individual institutions to adopt based on local needs.

Flexible Delivery

Deliver asynchronously, integrate into existing courses, or offer as a stand-alone course.

LMS Integration

Developed in Canvas, with a fully compatible Moodle version also created.

Zero Cost to Students

All course materials are provided at zero cost to students through the strategic use of OER, CC-licensed materials, and NC LIVE content.

Academic Credit/Certificate Possible

One-hour credit is possible, dependent upon individual institution's internal needs and academic program planning processes.

A Co-Branded Certificate can be offered for the completion of Module 1-3 content and quizzes.

Course Outline

Module 0: Introduction

- 0.1 Motivation (Why AI, Why Now)
- 0.2 Workforce Development
- 0.3 Promises & Perils of AI
- 0.4 About the Framework

Module 1: AI Fundamentals

- 1.1 What is AI and Generative AI
- 1.2 Explaining How AI Tools Work
- 1.3 AI in Your Academic Life

Module 2: Benefits & Risks

- 2.1 Deciding If AI is a Good Fit
- 2.2 Benefits of Strategic Use
- 2.3 Challenges & Pitfalls of AI

Module 3: Responsible Use

- 3.1 Foundational Knowledge
- 3.2 Applied Ethical Practices

Module 4: Discipline-Specific

Art • Math • Business • Library • English • Health Sciences

Module 5: Industry Skills

Preparing students with critical, hands-on professional AI competencies demanded by the modern workforce through AWS.