Idaho State University | **Albion Center for Professional Development**

Designing High-Quality Assessments Using Artificial Intelligence Course Syllabus

Course Description

This course introduces educators to the practice of creating high quality assessments with the support of Artificial Intelligence. Participants will learn how to align assessment outcomes, create effective assessments, and provide rapid and useful feedback using AI tools. The course combines theoretical knowledge with practical applications, ensuring that educators are equipped to implement AI-driven strategies on assessment effectively in their classrooms.

Course Objectives

At the end of this course you should be able to:

1. Apply best practices in assessment and unit design utilizing AI tools.
2. Deconstruct standards into specific, measurable learning targets, using AI.
3. Ensure consistency and coherence in assessment design through AI integration.
4. Analyze student assessment data and provide feedback with the support of AI.
5. Design adaptive and differentiated re-assessments with the help of AI.
6. Assess the impact on diverse and neurodivergent learners when using AI to create assessments.
7. Reflect on the effectiveness of AI assisted assessment design through case studies and best practices.
8. Plan for the future with trends in AI and assessments.

Modules

- Module 1: Introduction and Best Practices, Quiz 1
- Module 2: Deconstructing Standards, Quiz 2
- Module 3: Putting It Together, Quiz 3
- Module 4: Assessment and Feedback, Quiz 4
- Module 5: Re-Assessments and AI, Quiz 5
- Module 6: Assessing Diverse and Neurodivergent Learners, Quiz 6
- Module 7: Case Studies on AI, Quiz 7
- Module 8: The Future of Assessment and AI, Quiz 8

Grading:

Each quiz must be passed at an 80% or higher (three attempts allowed).

Format

This is a self-paced, asynchronous (no required live meetings) course. Throughout the PD course, you will find it helpful to take notes along the way to assist with the quizzes. Within each module, you will find reflection assessments that are not graded but will help in your journey through the course.