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3 Credits
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Course Description

Instructional design combines technology skills with application of learning theory to maximize the effectiveness of education. This course explores instructional design from a practical perspective. Students will acquire hands-on practice with a variety of computer-based tools while exploring instructional methods and principles of design.

Prerequisites

Students must either be admitted to the School of Education M.Ed program or obtain instructor permission to enroll in this course.

Course Goals

- Apply the Understanding by Design framework to course design
- Investigate modern computer-based design tools
- Explore instructional methods and principles of design

Student Learning Outcomes

Students in the course will:

- create media-rich educational content
- write effective, measurable learning objectives
- create multi-layered rubrics for assessing student work
- design assessments based on desired outcomes
- map strategies for learning activities that link to outcomes
- critically evaluate tools and methods

Meeting Information

This is an online course. Please log in to Blackboard:
http://classes.uaf.edu

Students will attend three synchronous check-in meetings via E-live. All meeting times/due dates will be posted in Alaska Standard Time (AST).

Alignment with School of Education Mission

This course supports the UAF School of Education's mission by providing students with the skills necessary to design thoughtful individualized instructional environments utilizing technologies and strategies appropriate to all learners. Students will acquire skills in the management and implementation of technology that will enhance their professional qualifications based on ISTE and Alaska teacher standards for technology and instructional design.

Plagiarism and Academic Honesty

be evaluated for proper spelling and grammatical usage.

Technology Requirements

This is an online course. Students will use a computer to communicate, to access online multimedia (audio, video, Flash), and to create multimedia. Consistent Internet access and a computer with the ability to record and broadcast sound via a built-in or external mic or a headset will be required.

Students are expected to be active participants in online exchanges with MITI cohorts and with other colleagues and mentors through a personal learning network. Additionally, there will be periodic online interaction with the instructor using Elluminate (ELive).

Students will be expected to have the most current versions of several applications that will be used in this course, including QuickTime, Flash (Mac|Windows), iTunes and Java.

Instructional Methods

A variety of instructional methods will

Tentative Course Calendar

Week   Topic