EMDT 5040: Education Design + Evaluation

Credits: 3

In this course students explore various instructional design strategies to effectively define learning outcomes, convey them to learners, and help learners achieve the outcomes. Students analyze instructional strategies and various assessment types to determine which approach fits best for each learning scenario. Students engage in project-based learning activities to produce content for their educational portfolio, which serves as an applied demonstration of their knowledge and skill in evaluating different educational models in relation to instructional design practice. At the conclusion of this course, students will have an expanded awareness of instructional design and evaluation measures for deeper learning approaches.

Prerequisites: EMDT 5020: Multiple Learning Theories

Course Learning Outcomes:	Exceeding	Meeting	Developing	Not meeting	Program Outcomes	Institutional Outcomes
Explore instructional design and assessment types	Using current research, the learner can explain a variety of instructional design and assessment concepts as well as how they apply in daily instruction.	Learner can explain a variety of instructional design and assessment concepts as well as how they apply in daily instruction.	Learner can explain basic instructional design and assessment concepts as well as how they apply in daily instruction.	Learner does not demonstrate an understanding of instructional design and assessment concepts or cannot apply those trends to daily instruction.	EMDT 2	Cultural competence
Analyze design systems for applicability to a given scenario	In evaluating design systems, the learner provides an accurate assessment that is supported by educational research, logic, and practical experience. Learner can communicate an opinion respectfully and demonstrates a nuanced understanding of best practices in design in a given scenario.	In evaluating design systems, learner provides an accurate assessment that is supported by educational research, logic, and practical experience.	In evaluating design systems, learner provides a relatively accurate assessment that is supported by educational research, logic, or practical experience.	In evaluating design systems, learner provides insufficient analysis of the strategy and how it connects to educational research, logic, or practical experience.	EMDT 4	Critical thinking
Implement instructional design models in coursework	Implementation of instructional design models demonstrates exceptional creativity and critical thinking as well as an in-depth understanding of cognitive science. Products support student learning through thoughtful, incremental, and creative instruction. Design is visually interesting and builds engagement.	Implementation of instructional design models demonstrates creativity and critical thinking as well as an understanding of cognitive science. Products support student learning through thoughtful, incremental instruction.	Implementation of instructional design models demonstrates a basic understanding of cognitive science or design principles. Products support student learning.	Implementation of instructional design models lacks application of cognitive science and design principles. Significant revision required to meet learning needs.	EMDT 1	Design competence
Evaluate strategy for effectiveness	In evaluating a design strategy, the learner provides an accurate assessment that is supported by educational research, logic, and practical experience. Learner can communicate an opinion respectfully and demonstrates a nuanced understanding of best practices in design in a given scenario.	In evaluating a design strategy, learner provides an accurate assessment that is supported by educational research, logic, and practical experience.	In evaluating a design strategy, learner provides a relatively accurate assessment that is supported by educational research, logic, or practical experience.	In evaluating a design strategy, learner provides insufficient analysis of the strategy and how it connects to educational research, logic, or practical experience.	EMDT 4	Critical thinking