

EMDT 5020: Multiple Learning Theories

Credits: 3

In this course popular learning theories and educational paradigms are examined to inform the design of academic strategies and the development of curricula. Students learn how to create personalized learning environments that respect different learning styles and facilitate deeper comprehension. Students engage in project-based learning activities to produce content and assets for their educational portfolio, which serves as an applied demonstration of their knowledge and skill in various learning pedagogy. At the conclusion of this course, students will have a deeper understanding of different learning theories, such as brain-based, constructivist, and multiple intelligence, and how these play a role in curriculum development for various learners and environments.

Prerequisites: None

Course Learning Outcomes:	Exceeding	Meeting	Developing	Not meeting	Program Outcomes	Institutional Outcomes
Explain current learning theories utilizing supporting research	Learner can explain multiple learning theories, how each theory integrates with others, and pertinent conflicts around learning theories. Learner can explain practical applications for multiple theories. Ideas are supported by a detailed, nuanced understanding of current research.	Learner can explain multiple learning theories, how each theory integrates with others, and pertinent conflicts around learning theories. Ideas are thoughtfully supported by current research.	Learner can explain multiple learning theories and pertinent conflicts around learning theories at a basic level. Attempt is made to support ideas with current research.	Learner is unable to explain multiple learning theories or support those ideas with current research.	EMDT 2	Cultural competence
Apply strategic implementation of best practices for personalized learning	Personalized learning strategies used demonstrate exceptional creativity and critical thinking as well as an in-depth understanding of cognitive science. Plans support student learning through thoughtful, incremental, and creative instruction.	Personalized learning strategies used demonstrate creativity and critical thinking as well as an understanding of cognitive science. Products support student learning through thoughtful, incremental instruction.	Personalized learning strategies used demonstrate a basic understanding of cognitive science or design principles. Products support student learning.	Personalized learning strategies lack application of cognitive science and design principles. Significant revision required to meet learning needs.	EMDT 1	Design competence
Develop communication and collaboration skills	Learner is an integral part of communities of practice within their courses and larger professional networks in educational technology. Learner can explain with specific examples how they support the professional community in educational technology and what impact they have on other learners in the program. Learner is a leader within group assignments and demonstrates exceptional collaboration skills including drawing out less active group members.	Learner is an integral part of communities of practice within their courses. Learner can explain with specific examples what impact they have on other learners in the program. Learner is a leader within group assignments and demonstrates strong collaboration skills.	Learner participates at a basic level in communities of practice within their courses. Learner can explain with specific examples what impact they have on other learners in the program. Learner participates in group assignments and demonstrates basic collaboration skills.	Learner does not participate in communities of practice within their courses or in a larger network. Or, learner cannot provide specific examples of their collaboration and contributions.	EMDT 3	Communication competence