ED2210 - Education Technology

Credits:	3 (3/0/0)
Description:	This course is designed to provide future educators with the skills necessary to integrate technology to support learning for students in K-6. Students in this course utilize technology to gather and develop classroom lesson plans. Students develop technological skills and explore many different tools for planning, instruction, communication and record-keeping. Students also learn to apply their skills and knowledge in a variety of classroom environments.
Prerequisites:	• ED2204
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Demonstrate knowledge and understanding of concepts related to technology and student learning. 2. Describe areas of exceptionality in learning, including learning disabilities, perceptual difficulties, and physical or mental challenges, gifts and talents. 3. Identify and apply technology resources to enable and empower learners with diverse backgrounds, characteristics and abilities. 4. Use educational technology to broaden student knowledge about technology to deliver instruction to students at different levels and paces, and to stimulate advanced levels of learning. 5. Understand the social, ethical, legal and human issues surrounding the use of information and technology in schools and apply that understanding in practice. Understand the social, ethical, legal and human issues surrounding the use of information and technology in pre-K-12 schools and apply that understanding in practice. 6. Define terminology related to the instruction of technology, including assistive/augmentative technology. 7. Apply the concepts of social, ethical, legal and human issues surrounding the use of information and technology in schools. 8. Analyze the continuous development needed to effectively use technology and assistive/augmentative technology with students. 9. Demonstrate the use of technology to gather and record data regarding student performance. 10. Explore and apply instructional design principles to create innovative digital learning environments that engage and support learning. 11. Demonstrate continual growth in knowledge and skills of current and emerging technologies and apply them to improve personal productivity and professional practice. 12. Advocate, model, and teach safe, legal and ethical use of information and technology, including appropriate documentation of sources and respect for others in use of social media.
MnTC goal areas:	None

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Can be taking as a Prerequisite or Corequisite.

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