



Program of Study: Master of Education (M.Ed.) in Curriculum and Instruction: Technology (Not Eligible for Credential)

Program Description:

The Master of Education (M.Ed.) in Curriculum and Instruction: Technology (Not Eligible for Credential) is a program designed for educators who wish to learn to use technology to improve the success of their students. The format and courses of the regionally accredited program are tailored to meet the needs of the adult learner and to maximize strengths that the student already possesses. Courses are taught by experts in their respective fields who share knowledge and experience in areas of curriculum and instruction, educational applications of technology, interactive design for the classroom and distance learning. Opportunities are provided to apply concepts, theories, and research throughout the program. Assignments within each course guides students through observational and practice based experiences. Students must have access to a K-12 classroom to complete the practicum and program assignments. Graduates of this program are prepared to become informed educators who meet the technological needs of schools and student populations. The educator must hold a current Teaching Certificate or have K-12 experience.

Course Number	Course Title	Course Description	Credits
TEC 509	Instructional Technology: Foundation and Framework	This course orients students to the program, the technology challenges in today's classroom, and the national standards guiding them. It includes an introduction to creating a professional portfolio. All of the listed objectives meet the International Society for Technology in Education Standards for Teachers.	3
TEC 510	Curriculum and Instruction	This course provides in-depth study of brain-compatible learning experiences, designing curriculum units, and differentiating instruction for all students. Participants will use the skills of backward design, brain theory, and other learning theory principles, curriculum mapping, and practical methods of differentiating learning to design a curriculum unit for a subject and grade level. The use of technology will be integrated in the course curriculum from the beginning. This course meets the International Society for Technology in Education (ISTE) Standard 2.	3
TEC 525	Schools in a Multicultural Society	This course takes an objective look at dual language instruction, examining its different parts in a social environment. It also includes basic definitions and theoretical frameworks for thinking about bilingual education. This is packaged into an extensive, up-to-date coverage of timely issues such as using technology for communicative language teaching; using technology to teach oral communication skills, reading, and writing; teaching thinking and inquiry-based learning with English Language Learners; the relationships among culture, community, and diverse learners; and using computers for assessment in second language teaching. This course meets the International Society for Technology in Education (ISTE) Standards called NETS for Teachers. The objectives below meet all of Section 6 of the National Education Teaching Standards (NETS).	3

TEC 535	Educational Applications of Technology	Participants will investigate various learning theories and how these theories are contributing to technology enhanced educational practices. The most current issues facing educational technology will be addressed in a threaded discussion format, as well as through classroom discussion and journal or online article research. As the one-computer classroom is a prevalent condition in many school districts, teachers will learn strategies for fully utilizing this source with the entire class. This course meets the International Society for Technology in Education (ISTE) Standard 5.	3
TEC 540	Research Techniques and Procedures	This course facilitates the development of research knowledge and skill in practicing education professionals who must be knowledgeable, skilled, and adept in evaluating and interpreting research literature related to their job roles. Course content provides a basis for decision-making, change, and improvement and includes theory, techniques, design, and evaluation of research. This course meets the International Society for Technology in Education (ISTE) Standard 2.	3
TEC 545	Multimedia Instructional Strategies	This course focuses on the effective use of multimedia in classroom instruction. Participants will learn to evaluate multimedia, select appropriate multimedia, and match instruction to multimedia resources.	3
TEC 555	Design of Print-Based Media	This course provides educators with the necessary knowledge and tools to create print media that can be used in their educational settings. Participants will develop and apply an understanding of the design principles of proximity, alignment, repetition, and contrast. These principles will be interwoven into discussions, class activities, group activities, and independent work. Participants will produce four projects – a layered graphic, a flyer, a newsletter, and a brochure – that have an educational theme or communicate an educational concept, program, or event This course meets the International Society for Technology in Education (ISTE) Standard #3.	3
TEC 560	Interactive Design for the Classroom	The purpose of this course is to introduce students to the design of interactive classroom lessons and activities by integrating multiple intelligences and constructivist learning theories in multimedia and web design. This course meets the International Society for Technology in Education (ISTE) Standard #2.	3
TEC 565	Distance Learning	The purpose of this course is to introduce students to the design of interactive lessons and activities for distance education. The course defines distance education, including history, theories, and practical applications. This course meets International Society for Technology in Education (ISTE) Standards 1 and 3.	3
TEC 580	Internship in Technology	This supervised internship will encourage a cooperative arrangement among the key stakeholders. Upon completion, the candidate will possess an understanding of the complexity of being a leader in school and classroom technology use and training, ranging from development of a vision for technology support to demonstrating practical skills ensuring smooth day-to-day technology integration in teaching. The internship meets the following International Society of Technology Education (ISTE) Standards.	3

Master of Education in Curriculum and Instruction: Technology (Not Eligible for Credential) Credits: 30