DESIGNING DIGITAL LEARNING IN SCHOOLS CONCENTRATION FORM

30 credit degree program
(12 credits of Core courses, 18 credits of Concentration courses)

Core Courses: 12 credits *Required for all ASTL M.Ed. students*	Credit Hours
EDUC 612: Inquiry into Practice Provides experience using research skills to foster systematic and thoughtful inquiry into classroom practice. Explores relevant classroom practice issues through critical writing, action, and research. Emphasizes cultural diversity and gender issues in research.	2
EDUC 613: How Students Learn Advanced course in study of learning based on research and theory from different disciplines. Focuses on increasing students' learning through study of different learning systems, and understanding each learner in context of learning process itself.	3
EDUC 614: Designing and Assessing Teaching and Learning Explores design and development of curricular, pedagogical, and assessment strategies responsive to needs and interests of students. Investigates factors that affect teaching and learning, and examines multiple ways of knowing that teachers bring to classrooms.	3
EDUC 606: Education and Culture Uses cultural inquiry process (CIP) and web site to acquire cultural, social, and language-related perspectives on educational processes; and teaches skills to analyze educational settings and expand strategies to address puzzlements in students' own practice.	3
EDUC 615: Educational Change Explores influences on educational change at classroom, school, community, state, and national levels. Investigates implications of factors and influences that affect educational change. Analyzes influences and factors, and involves students in reflecting on their own experiences.	2

Designing Digital Learning in Schools Concentration Courses: 18 credits	Credit Hours
EDIT 780: Principles of School-Based Design Develops and applies a comprehensive set of digital design strategies appropriate for creating engaging learning opportunities for students in PreK-12 environments. Emphasizes school-based design principles, design processes, and design patterns at the intersection of technology, teaching and learning. Develops and applies a comprehensive set of digital design strategies appropriate for creating engaging learning opportunities for students in PreK-12 environments. Emphasizes school-based design principles, design processes, and design patterns at the intersection of technology, teaching and learning.	3
EDIT 781: Designing for Information Using Explores ways in which PreK-12 teachers can design digital environments that connect learners' ability to search, sort, create, communicate, and synthesize information and information resources with learning activities. Emphasizes teachers' ability to design for digital citizenship and information use.	3
EDIT 782: Designing for Literacy Explores 21st century definitions of literacy related to multiple symbolic environments (e.g. visual, numeric, alphabetic). Examines the practice of design that integrates technology to promote literacy competence across media and across PreK-12 abilities and interests.	3
EDIT 783: Designing for Problem Solving Examines problem solving as an educational goal, as a cognitive process, and as a series of strategies and habits of mind. Emphasizes and provides practice in the design of digital problem solving environments where technology affords opportunities at the intersection of content learning and problems solving.	3
EDIT 784: Designing for Community Participation Explores the impact of social media, globalization, collaboration, and diversity as they influence, enable, and challenge learners' ability to participate in a variety of community settings. Emphasizes the practice of design strategies to prepare PreK-12 learners to use technology for learning and participating in varies and diverse communities.	3
EDIT 785: Designing School-Based Digital Learning Develops frameworks for designing and structuring school-based digital learning. Emphasizes the interaction of design, technology, and content learning to influence teachers' practice in service of PreK-12 learners' abilities to problem solve, use information, participate productively in communities, become knowledgeable, and effectively communicate.	3
PROGRAM EXIT REQUIREMENT	
Professional Development Portfolio: A performance-based portfolio that provides evidence of a teacher's teacher professional learning and development throughout the ASTL program. The portfolio is presented the last spring semester of a student's program.	NA

College of Education and Human Development
Advanced Studies in Teaching and Learning (ASTL)

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ASTL Academic Program Coordinators

Advisor and Support Contact List

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ASTL Facebook page	https://www.facebook.com/ASTLProgramGMU/		

*   *Liaison Contact for Departmental Advising*