M.Ed. In Instructional Technology P-12 Technology Applications

Professional Education (6 hours)

EDUC 5999 Professional Orientation

Graded "Satisfactory" or "Unsatisfactory." Required non-credit course for all advanced teachers and other school personnel candidates that must be successfully completed at entry to advanced programs. Candidates are required to establish an electronic portfolio and provide evidence that all advanced entry requirements have been satisfactorily met. If an unsatisfactory grade is earned, the course must be repeated until a satisfactory grade is received.

ITED 7070 Decision-Oriented Research, Evaluation, and Professional Learning

The study and implementation of needs assessment and program evaluation to inform the content and delivery of best practices in technology-based professional learning. The course includes an introduction to field research methods and data analysis.

ITED 7100 Foundational Theories in Instructional Technology

Introduction to theories of learning, instruction, communication, information, digital citizenship, and systems as applied to research and practice in the field of instructional technology.

Instructional Technology Core (15 hours)

ITED 7200 Information Sources and Uses

Retrieval, evaluation, and integration of information and digital resources to support higher-order thinking skills in digital learning environments, Topics include legal issues, accessibility, and diversity in learner characteristics.

ITED 7300 Instructional Technology for Teaching, Learning, and Assessment

Integration of technology into personal teaching practice, emphasizing collaboration with other educators to improve teaching, learning, and assessment.

ITED 7400 Digital Learning Environments

Creation, support, and effective management of digital learning environments. The course includes troubleshooting basic software and hardware problems and evaluation and selection of digital tools and resources for compatibility with school technology infrastructure.

ITED 7500 Vision and Planning for Instructional Technology

Introduction to leadership principles in an instructional technology context. The course includes theory and practice in strategic planning, the change process, and funding strategies.

ITED 7600 Introduction to Discipline-Based Best Practices Literature

Introduction to analyzing discipline-specific literature and applying the conventions of academic writing using the Publication Manual of the American Psychological Association.

Courses in Area of Professional Educator Certification (12 hours)

Internship (3 hours)

> **ITED 7399 Internship in Technology Applications**
> Prerequisite: Approval of advisor. A university-supervised field experience in an instructional technology setting.

Total Number of Program Hours = 36