

EDGET 531

Foundations of Educational Technology

3 Credit Hours

This course examines the field of educational technology including the design, development, utilization, management and evaluation of instructional systems. Additionally, the philosophy and principles that influence educational technology is addressed.

EDGET 532

Instructional Design Foundations

3 Credit Hours

Application of contemporary instructional design principles and models to real-world learning problems. The systems approach to designing instruction is emphasized.

EDGET 533

Computers, Critical Thinking and Problem Solving in the Content Area

3 Credit Hours

This course examines the use of computers for promoting higher order thinking and problem solving in the content areas. Contemporary research and instructional strategies are examined.

EDGET 534

Emerging Technology Trends in Education

3 Credit Hours

The course examines the role of technology trends in educational institutions. The course focuses on understanding the life-cycle of technology, change management strategies, and ethical and legal issues associated with adapting and integrating technology into educational institutions.

EDGET 535

Administration and Management of Educational Technology

3 Credit Hours

The course examines how to plan and manage successful training, professional development, and technological projects in educational institutions. Topical areas include planning and developing technology projects, evaluating and analyzing school and district capacity and readiness for a new technology project, organizing and managing human resources and support systems, scheduling, budgeting, team structures, defining project requirements and quality assurance.

EDGET 536

21st Century Literacies and Professional Development

3 Credit Hours

This course is designed to provide technology educators with the tools for engaging critical, digital literacies in a variety of educational settings, including within digital schools, learning management systems, collaborative content development tools, and multicultural community exchanges.

EDGET 537

Educational Computers and Network Applications

3 Credit Hours

The course introduces instructional technology professionals to the fundamentals of computers, including terminology

and operations. The course also examines the fundamental concepts of planning, designing, and managing computer networking and knowledge of server-based applications for instructional settings.

EDGET 570

Program Orientation

0 Credit Hours

Candidates explore the Education Program's professional dispositions, which include the values, commitments and professional ethics that influence behaviors toward families, colleagues and communities that affect student learning. In addition, candidates complete the first of two professional dispositions self-assessment surveys. This course also explores key functions of course platforms (Canvas and Live Text) that will be utilized throughout the program.

EDGET 571

Program Reflection

0 Credit Hours

In this course the candidates reflect on their experience throughout the program. Candidates complete the final professional dispositions self-assessment survey.