

Educational Technology (ETEC)

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Educational Technology Website (<http://etec.uark.edu/>)

Degrees Conferred:

M.Ed. in Educational Technology (ETEC)

Graduate Certificates Offered (non-degree):

K-12 Online Teaching (<http://catalog.uark.edu/graduatecatalog/programsofstudy/k-12-online-teaching-etec/>) (ETEC)

Program Description: The Educational Technology Program is a 31-hour non-thesis online master's program that prepares students for professional positions as educational technologists of education, business, government, and the health professions. It also offers a 15-hour certificate program that prepares K-12 teachers to plan, create, provide, and assess effective instruction within online K-12 environments.

Primary Areas of Faculty Research: Curricular integration of technology, distance learning, instructional design, policies and best practices in online learning, vulnerable populations, virtual schools, cyber schools, immersive learning environments.

M.Ed. in Education Technology

Prerequisites to Degree Programs: Applicants for the M.Ed. degree must have completed a bachelor's degree and earned a 3.00 GPA on the last 60 hours of undergraduate course. Applicants with an earned GPA of 2.7-2.9 on the last 60 hours of undergraduate course work may be considered if an acceptable score on the Graduate Record Examination or Miller Analogies Test is obtained.

Requirements for the Master of Education Degree: In addition to the general requirements of the Graduate School, students must complete a minimum of 31 hours of graduate course work to include 22 semester hours of core educational technology courses and 9 semester hours of elective curriculum and instruction or educational technology courses. Additionally, a Culminating Student Portfolio must be successfully completed in the last semester of course work and will replace the Graduate School requirement of a comprehensive examination.

Degree Requirements: (31 hours)

1. Educational Technology Core: 22 hours
2. Educational Technology Electives: 9 hours
3. Culminating Student Portfolio: completed during the last semester of course work

Required ETEC Courses

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|-----------|---|---|
| ETEC 5203 | Foundations of Educational Technology | 3 |
| ETEC 5213 | Designing Educational Media | 3 |
| ETEC 5243 | Designing Technology Based Instruction: Theories and Models | 3 |
| ETEC 5313 | Principles in Visual Literacy | 3 |
| ETEC 5373 | Designing Websites | 3 |
| ETEC 5981 | Eportfolio Production | 1 |
| ETEC 6223 | Research and Strategic Planning in Educational Technology | 3 |
| ETEC 6253 | Teaching and Learning at a Distance | 3 |

Elective ETEC Courses

| | | |
|--------------------------------|--|---|
| Select three of the following: | | 9 |
| ETEC 5253 | Technology, Innovation and Leadership | |
| ETEC 5263 | Grant Writing in Educational Technology | |
| ETEC 5303 | Teaching with Technology in the K-12 Classroom | |
| ETEC 6393 | Issues and Trends in Designing Instruction with Technology | |
| CIED 5363 | Teaching in K-12 Online and Blended Classrooms | |
| CIED 5423 | Curriculum and Instruction: Models and Implementation | |

Culminating EPortfolio

A Culminating Electronic Student Portfolio must be successfully completed in the last semester of course work.

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|-------------|----|
| Total Hours | 31 |
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Students should also be aware of Graduate School requirements with regard to master's degrees (<http://catalog.uark.edu/graduatecatalog/degreerequirements/#mastersdegreestext>).

Courses

ETEC 5203. Foundations of Educational Technology. 3 Hours.

Provides learners with a comprehensive survey of the major trends, issues, people, processes, and products that have significantly affected the evolution of the field of educational technology. (Typically offered: Summer)

ETEC 5213. Designing Educational Media. 3 Hours.

Instruction in the design, development and implementation of various types of web based audio and visual media for enhancing instruction. Prerequisite: Graduate standing. (Typically offered: Fall)

ETEC 5243. Designing Technology Based Instruction: Theories and Models. 3 Hours.

The study and application of theories, models and methods for designing and developing instruction which utilizes technology tools and applications. Prerequisite: Graduate standing. (Typically offered: Fall)

ETEC 5253. Technology, Innovation and Leadership. 3 Hours.

This course introduces students to the leadership concepts necessary to build successful educational technology infrastructures in a variety of contexts. Through this course, students will develop an understanding of technology leadership careers, the roles and responsibilities of technology leaders, evidence-based methods for developing leadership strategies, and how to lead innovative and entrepreneurial technology development in fast-paced environments. Students will develop the ability to identify key leadership competencies and resources to understand emerging technology trends. The course challenges students to engage in active planning of their careers through the development of leadership vision statements and personal action plans. (Typically offered: Spring)

ETEC 5263. Grant Writing in Educational Technology. 3 Hours.

Students will have an opportunity to find grant funding sources, write a grant, and submit an actual grant proposal to an agency for consideration. Will survey research in instructional media over the past 60 years and learn specific criteria for reading and evaluating research reports and articles. Will investigate current issues and topics related to research and grant writing in instructional media. (Typically offered: Spring)

ETEC 5303. Teaching with Technology in the K-12 Classroom. 3 Hours.

A study of learning theories and technologies that can be utilized to support and to enhance instruction in multiple subject areas in the K-12 classroom. Prerequisite: Graduate standing. (Typically offered: Spring)

ETEC 5313. Principles in Visual Literacy. 3 Hours.

Students gain understanding of visual literacy research and learn to create graphics that support learning. Literature in the area of visual literacy and learning theories as well as tools that facilitate effective visual literacy will be used to create visuals that are clear, communicate well, and help enhance learner performance. (Typically offered: Summer)

ETEC 5373. Designing Websites. 3 Hours.

Students design websites for content delivery with a focus upon multiple platforms, effective design principles, accessibility, and copyright compliance. Prerequisite: Must be an Educational Technology Master of Education (ETECME) major. (Typically offered: Spring) May be repeated for up to 3 hours of degree credit.

ETEC 5743. Internship. 3 Hours.

A supervised field placement in educational technology that provides experience consistent with the student's professional goals and training emphasis. Internship experiences are planning and directed under the guidance of a faculty member. On-campus and on-site supervision is required. Prerequisite: Graduate standing. (Typically offered: Fall, Spring and Summer) May be repeated for up to 6 hours of degree credit.

ETEC 5981. Eportfolio Production. 1 Hour.

This is a capstone course that is typically taken in the last semester of coursework and designed to: 1) review key constructs presented within the Educational Technology curriculum; 2) provide ETEC students the opportunity for reflection relative to his/her learning of the key concepts; and 3) utilize technology to assemble student-created artifacts that demonstrate mastery of the key concepts. (Typically offered: Fall and Spring)

ETEC 600V. Master's Thesis. 1-6 Hour.

Master's Thesis. (Typically offered: Fall, Spring and Summer) May be repeated for degree credit.

ETEC 6223. Research and Strategic Planning in Educational Technology. 3 Hours.

The course provides an overview of quantitative, qualitative, mixed methods research and experiences intended to develop strategic planning knowledge, values, attitudes, and skills in the management and leadership in educational technology and instructional design programs. (Typically offered: Fall)

ETEC 6243. Advanced Instructional Design. 3 Hours.

This course explores advanced topics in instructional design to facilitate understanding of grounded models, advanced theories, and research. This course focuses on: 1) design and development of contextualized technology-supported learning environments; 2) analysis and application of advanced theoretical foundations of design; and 3) examination and critique of instructional design research. Prerequisite: ETEC 5243 or equivalent. (Typically offered: Spring)

ETEC 6253. Teaching and Learning at a Distance. 3 Hours.

An examination of methods and technologies for teaching instructional content at a distance. Emphasis is on techniques for the development, utilization and evaluation of technology integration for instruction in a variety of learning environments. (Typically offered: Summer)

ETEC 6393. Issues and Trends in Designing Instruction with Technology. 3 Hours.

Critical challenges posed as a result of the increasing infusion of technology into the school and training environments are explored. The course prepares students to make and defend policy decisions and become conversant with current trends and issues in the field. (Typically offered: Fall)