Educational Technology (ETEC)

Cheryl Murphy
Department Head
216 Peabody Hall
479-575-4209
Email: cmurphy@uark.edu

Derrick Mears
Program Coordinator
101 Peabody Hall
479-575-5439
Email: dmears@uark.edu

Education Technology Website (http://etec.uark.edu/)

Degrees Conferred:
M.Ed. in Education 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 34-hour non-thesis on-line 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 34 hours of graduate course work to include 22 semester hours of core educational technology courses, nine semester hours of elective educational technology courses, and three semester hours of research. Additionally, a Culminating Student Portfolio must be successfully completed in the last semester of course work in the EPortfolio Production course and will replace the Graduate School requirement of a comprehensive examination.

Degree Requirements: (34 hours)
1. Educational Technology Core: 22 hours
2. Educational Technology Electives: 9 hours
3. College of Education and Health Professions research course: 3 hours

4. Culminating Student Portfolio: Completed during the last semester of course work.

Required ETEC Courses
ETEC 5203 Foundations of Educational Technology 3
ETEC 5213 Educational Media 3
ETEC 5243 Instructional Design Theory & Models 3
ETEC 5313 Principles in Visual Literacy 3
ETEC 5373 Web Design 3
ETEC 6223 Strategic Planning and IDT Programs 3
ETEC 6253 Distance Learning 3
ETEC 5981 Eportfolio Production 1

Elective ETEC Courses
Select three of the following: 9
ETEC 5233 Information Technologies
ETEC 5263 Grant Writing in Instructional Technology
ETEC 5303 Learning with Computers in K-12 Classrooms
ETEC 6243 Advanced Instructional Design
ETEC 6393 Issues and Trends in Instructional Design and Technology
CIED 5363 Methods and Assessment in K-12 Online Teaching
CIED 5423 Curriculum and Instruction: Models and Implementation
ADLL 5183 Technology and Innovation in Adult Learning

Required Research Course
Select one of the following: 3
ESRM 5013 Research Methods in Education
AGED 5473 Interpreting Social Data in Agriculture

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

Total Hours 34

Students should also be aware of Graduate School requirements with regard to master's degrees (http://catalog.uark.edu/graduatecatalog/degerequirements/#mastersdegerequertext).

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: Spring and Summer)

ETEC 5213. Educational Media. 3 Hours.
Instruction in selecting, utilizing and evaluating instructional materials and equipment. Prerequisite: Graduate standing. (Typically offered: Fall, Spring and Summer)

ETEC 5243. Instructional Design Theory & Models. 3 Hours.
A study of the instructional development process as it pertains to the design and production of instructional materials which use modern technologies. Goal analysis, objectives, evaluation, instructional strategy development, production of an educational product, and revision of the instructional materials are considered. Prerequisite: Graduate standing. (Typically offered: Fall)
ETEC 5253. Information Technologies. 3 Hours.
Students perform intensive examinations of the role of new technologies and their implications for instructional practice. Emphasis is on identification and evaluation of new technologies in instructional environments. Establishing and maintaining learning environments, exploring selected theories and concepts, assessing potential uses of IT, and utilization of new technologies will occur. (Typically offered: Irregular)

ETEC 5263. Grant Writing in Instructional 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: Fall and Summer)

ETEC 5273. Advanced Design of Educational Media. 3 Hours.
Instruction in the planning and local production of instructional materials. Prerequisite: ETEC 5213. (Typically offered: Spring)

ETEC 5283. Field Experiences in Educational Technology. 3 Hours.
Field experience in educational technology settings. Prerequisite: Graduate standing and 6 hours of graduate work in educational technology. (Typically offered: Fall, Spring and Summer)

ETEC 5303. Learning with Computers in K-12 Classrooms. 3 Hours.
Students learn how technology can be used to support K-12 classroom environments. Various learning theories and technologies will be explored and projects will be developed that utilize technologies and current learning theories in K-12 settings. Emphasis is on identification, evaluation, and the effective use of technologies to support classroom environments. Prerequisite: Graduate standing. (Typically offered: Spring and Summer)

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: Spring and Summer)

ETEC 5373. Web Design. 3 Hours.
Students design, create, and analyze Web sites by applying processes, standards and techniques used to identify target audience; ensure compliance with copyright and disability laws, measure effectiveness, and coordinate Web design. Topics include copyright and fair use, user and task analysis, usability, accessibility, testing, search engine optimization, and web analytics. Prerequisite: ETEC 5213 or equivalent experience. (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, Spring and Summer)