

**Northwest Arkansas Community College**  
(Social & Behavioral Sciences Division)

**Discipline Code**

ETEC

**Course Number**

2003

**Course Title**

Educational Technology

**Catalog Description**

Instruction in selecting, utilizing and evaluating instructional materials and equipment. Introduction to the application of educational technology in teaching and learning using strategies in design, selection, integration and evaluation. This course introduces students to the most essential instructional tools to creatively and ethically infuse technology in the development of instructional materials, including tools to facilitate professional layouts, imaging, presentations, and communication.

**Prerequisites**

N/A

**Credit Hours**

3 credit hours

**Contact hours**

45 contact hours

**Load hours**

3 load hours

**Semesters Offered**

Fall, Spring

**ACTS Equivalent**

N/A

**Grade Mode**

A-F

**Learning Outcomes**

Upon completion of the course the student will:

- Demonstrate introductory knowledge, skills, and understanding of concepts related to technology. (Scholar Practitioner Tenet 1)
- Identify and utilize the types of computer equipment and software needed to enhance curriculum using the Arkansas Curriculum Frameworks. (Scholar Practitioner Tenet 1)
- Create lesson plans that incorporate the different uses of technology. (Scholar Practitioner Tenets 2, 5)
- Recognize how to access, evaluate, and use information to improve teaching and learning. (Scholar Practitioner Tenet 2)
- Use computer applications and tools to design instruction. (Scholar Practitioner Tenet 2)
- Access and evaluate technology educational materials. (Scholar Practitioner Tenet 1)
- Demonstrate awareness of adaptive assistive devices for students with special needs. (Scholar Practitioner Tenets 3, 5)
- Identify Internet resources for facilitating learning and emerging technologies. (Scholar Practitioner Tenets 1, 2)
- Explore, evaluate and use technology resources (software, tools, etc.) (Scholar Practitioner Tenet 2)
- Create a class newsletter appropriate for dissemination to parents. (Scholar Practitioner Tenets 5 and 6)
- Evaluate software programs. (Scholar Practitioner Tenets 2, 5)
- Evaluate web sites. (Scholar Practitioner Tenets 2, 5)
- Design a classroom for enhanced learning. (Scholar Practitioner Tenets 1, 2, 3, 4, 5)
- Describe copyright laws and issues regarding copyright laws. (Scholar Practitioner Tenets 1, 2)
- Create an infographic. (Scholar Practitioner Tenets 1, 2)

## **General Education Outcomes Supported**

N/A

## **Standard Practices**

### **Topics list**

- National and State Standards
- Designing a Classroom Using Technology
- Technology Accessibility
- Assistive Technology
- Copyright Laws
- Software Evaluation
- Web Site Evaluation
- Lesson Plan
- Graphic Organizers / Info graphics

### **Learning activities**

- N/A

### **Assessments**

- N/A

## **Grading guidelines**

N/A