

EDU 271 Educational Technology

COURSE DESCRIPTION:

Prerequisites: None

Corequisites: None

DESCRIPTION:

This course introduces the ethical use of technology to enhance teaching and learning in all educational settings. Emphasis is placed on technology concepts, ethical issues, digital citizenship, instructional strategies, assistive technology, and the use of technology for professional development and communication. Upon completion, students should be able to discuss technology concepts, ethically use a variety of technology resources, demonstrate appropriate technology skills in educational environments, and identify assistive technology.

Course Hours per Week: Class, 3. Semester Hours Credit, 4.

LEARNING OUTCOMES:

Upon completing requirements for this course, the student will be able to:

1. Discuss technology concepts
2. Ethically use a variety of technology resources
3. Demonstrate appropriate technology skills in educational environments
4. Identify assistive technology

OUTLINE OF INSTRUCTION:

- I. Technology and Young Children
 - A. Developmentally Appropriate uses
 - B. Deciding when and how to use technology
- II. Technology Considerations
 - A. How much technology is too much
 - B. Using technology to support hands-on, interactive learning experiences
- III. STEM and STEAM
- IV. Technology uses
 - A. Photos and Videos
 - B. Interactive tablets and devices
 - C. Videoconferencing
 - D. E-books
- V. Planning Developmentally Appropriate Activities that use Technology
- VI. Using Technology for Professional Development
- VII. Digital Literacy for Children and Adults

REQUIRED TEXTBOOK AND MATERIAL:

The textbook and other instructional material will be determined by the instructor.