

ETEC 2003 Educational Technology

Catalog Description:

ETEC 2003 Educational Technology- A criterion-based designed to provide beginning technology users with conceptual knowledge and skills in the area of fundamental computer technology and traditional educational media.

Target Audience and Transfer: This course is for those who are education majors.

Course Objectives:

As a result of taking this course, the students should be able to:

1. Operate a multimedia computer system with related peripheral devices to successfully use a variety of software packages.
2. Use terminology related computers and technology appropriately in written and oral communications.
3. Use productivity tools for word processing, database management, spreadsheet applications and creating multimedia presentations.
4. Use computers to support problem solving, data collection, information management, communications, presentation, and decision-making.
5. Identify computer and related technology resources for facilitating lifelong learning and emerging roles of the learner and the educator.
6. Describe current instructional principles, research, and appropriate assessment practices as related to the use of computers and technology resources in the curriculum.
7. Design, deliver, and assess student learning activities that integrate computers/technology for a variety of student group strategies and for diverse student population.
8. Design student learning activities that foster equitable, ethical and legal use of technology by students.
9. Practice responsible, ethical and legal use of technology, information, and software resources.

Required Text:

Newby, Timothy J., et. al. (2000) **Instructional Technology for Teaching and Learning (2nd ed.)** Upper Saddle River, NJ: Prentice Hall

Topics: Email, Word Processed Documents, Database Documents, Spreadsheet Document, Graphics, Power Point, Web story- boards, lesson plans and web pages.