UT TeleCampus

ED 4372 Educational Technology

Educational Technology
ED 4372
University of Texas at Dallas

Course Description

This course addresses two key technological issues that directly impact education: information overload and non-linear processing. These same challenges offer the key to effective design and integration of web-based media into the classroom learning environment. By presenting educational technology as an open framework, teachers, administrators, researchers and curriculum developers will learn how to select/apply appropriate tools and develop/adapt to relevant resources that simplify and enhance their classroom teaching and everyday tasks. Activities focus on process skills that are emphasized at all grade levels and facilitate integration across the curriculum. Techniques for fostering critical thinking and higher level reasoning are modeled, then related to specific participant issues. Topics include using various tools – i.e., communication, text, graphics, database, productivity, audio/visual, and presentation – and resources – i.e., the World Wide Web, your professional peers, outside field experts, other educators, and especially your own creativity! Learning objectives include:

1. to execute the educational technologies utilized in an asynchronous, online course.
2. to choose tools and resources to improve educational practice within their field.
3. to construct electronic media to support their ideas for enhancing teaching and learning with educational technologies.

Emphasis is placed on the use of technology to support the teaching and learning process. Information about specific instructional applications is presented to provide concrete examples of principles and procedures. Focuses on electronic instructional media, multimedia, telecommunications, multiuser networks, and their real-world applications to the secondary classroom. (3 semester hours)

The course content is focused on the Technology Applications Standards I-IV, specifically Competency 009 of the Pedagogy and Professional Responsibilities Test Framework. Delivered completely online, the course pedagogy demonstrates critical aspects of technology integration across all Domains I-IV.

A detailed syllabus is available at http://www.utdallas.edu/~rnix/.

Course Materials

To see a complete list of materials needed for your course, as well as any important notes and instructions provided by your instructor, visit the UTTC Bookstore.

Instructor

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Links referenced

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