

TED 502: Software Applications in Education

Course Description:

This course is designed to help educators understand how to use a variety of computer software to create an effective learning environment. Emphases will be on: selection criteria for software, software evaluation, classification of software, and software to assist diverse learners.

TED 504: Technology and Leadership

Course Description:

This course is designed to help administrators and technology leaders explore how to plan for technology in their schools. The course will emphasize administrative uses of technology, long term technology planning, assessing staff technology needs and skills, and technology staff development planning. Topics covered include: equity, technology in administration and instruction, and planning for technology.

TED 505: Hardware/Software Systems

Course Description:

This course will examine the basic operating system of Windows computers and a variety of peripheral devices. Macintosh operating systems will also be discussed. Topics, such as, network design, hardware planning, budgeting, and assessing the hardware needs of the users will be addressed. *3 semester hours*

TED 521: Internet for Educators

Course Description:

This course introduces students to the uses of the Internet in an educational setting. Core to this course is web page development. Students will explore the Internet, construct Internet activities and discuss legal and ethical issues as applies to the Internet's use in education.

TED 530: Instructional Design and Technology

Course Description:

This course addresses the components of instructional design models. Historical and theoretical foundations of learning theories effective in instructional technology, such as, constructivism and project-based learning will be highlighted. *3 semester hours*

TED 531: Hypermedia Development and Application

Course Description:

This course examines educational applications of hypermedia tools. This hands-on course explores all aspects of multimedia construction and design in three phases using three different authoring programs. Students will learn how to incorporate digitized media (sound, photographs, and motion clips) into hypermedia. Educational implications and current research will be discussed.

TED 532: Media Design and Integration

Course Description: This course will introduce the student to the use and creation of video and graphics in a classroom. Students will be involved with creating video that can be used in a multimedia program, transferred to videotape or pressed to a CD for classroom use. Components of scanning and graphics production will also be addressed. *3 semester hours*

TED 505: Hardware/Software Systems

Course Description: This course will examine the basic operating system of Windows computers and a variety of peripheral devices. Macintosh operating systems will also be discussed. Topics, such as, network design, hardware planning, budgeting, and assessing the hardware needs of the users will be addressed. *3 semester hours*

TED 533: Assistive Technology in Education

Course Description: This course will examine the integration of assistive technology into the classroom environment. Strategies will be developed for incorporating a variety of software programs for student use, determining and accessing hardware needs for students, and developing assistive technology strategies in student IEP's (Individual Evaluation Plans). 3
semester hours