

TECHNOLOGY IN THE CLASSROOM

COURSE DESCRIPTION

This course is designed to introduce the use of technology in the classroom. The course will introduce typical technology applications and uses of Internet capabilities in delivering instruction. Students will develop materials to use in the classroom using currently available technology. The course will introduce students to teaching on-line and over the North Carolina Information Highway.

COURSE OBJECTIVES

Upon completion of individual modules, students will be able to:

- Students will produce presentation materials for use in their classroom using current available technology for delivery.
- Students will be able to demonstrate how to set up and use multimedia delivery systems and hardware in their classroom.
- Students will develop materials for use in their current classes and on-line using Blackboard ©.
- Students will be able to create a simple Web page and evaluate student learning by testing students using Blackboard ©.
- Students will be able to develop and deliver a short presentation using the distance learning videoconferencing facilities.

COURSE OUTLINE

Topics to be covered are subject to change with current applications:

PART A

- CLASS 1 Using e-mail and GroupWise message programs
- CLASS 2 Developing and modifying a PowerPoint presentation for classroom use.
- CLASS 3 Classroom delivery systems and hardware, multimedia projectors, overhead projection systems, scanning and digitizing images.
- CLASS 4 Browsing the Internet for subject content information. Developing a student search test on the Internet
- CLASS 5 Delivering your course using distance learning. Includes TV, Internet, Hybrid courses
- CLASS 6 Developing an on-line test and using an electronic grade book.
- CLASS 7 Constructing a homepage using FrontPage Explorer.
- CLASS 8 Using the North Carolina Information Highway classroom.

PART B

- CLASS 9 A basic introduction to the Blackboard course design.
- CLASS 10 Developing a course with Blackboard for classroom presentation and classroom administration.