

COURSE OUTLINE

Malcolm Grothe

June 3, 2011

DEPARTMENT:	Professional Technical Education
CURRICULUM:	Professional Teacher Education
COURSE TITLE:	Technology in Learning
COURSE NUMBER:	PTE 311
TYPE OF COURSE:	Hybrid
COURSE LENGTH:	Variable
CREDIT HOURS:	3
LECTURE HOURS:	33
LAB HOURS:	0
OTHER HOURS:	0
CLASS SIZE:	30
PREREQUISITES:	Student must be enrolled in the BAS Professional Teacher Education program or have instructor approval.

COURSE DESCRIPTION:

This course is designed to identify, evaluate and implement new and emerging technologies according to industry needs. On-line, hybrid, and other emerging technology-based modes of communication will be examined to understand current curriculum development practices.

STUDENT LEARNING OUTCOMES ADDRESSED:

1. Communication – Students will demonstrate the ability to converse through classroom, on-line and written communication. Demonstrate reading and listening skills necessary to utilize a variety of technological tools.
2. Critical Thinking and Problem-Solving – Students will adapt critical thinking skills and problem solving to identify appropriate technology to deliver subject matter.
3. Technology – Students will select and use appropriate technological tools to deliver educational materials.
4. Personal Responsibility – Students will demonstrate the value of life-long learning. Be motivated and able to continue learning and adapt to change. Take pride in well

developed course work and incorporate civic and environmental into curriculum as appropriate.

5. Information Literacy – Students will access and evaluate information from a variety of sources and contexts, and will demonstrate how to access Information Literacy remotely.

PROGRAM OUTCOMES:

1. Manage learning environments
2. Develop outcomes, assessments and curricula
3. Provide student instruction
4. Create and maintain a professional environment
5. Learn to adapt new technologies

GENERAL COURSE OBJECTIVES:

The student will:

1. Identify and evaluate new and emerging technologies relevant to their technical program and industry and demonstrate proficiency in applying and teaching these skills in the classroom/online.
2. Incorporate new and emerging technologies into existing curriculum, outcomes and assessment and implement new technology in program according to its relevance, effectiveness and long-term implications.
3. Adopt instructional activities and the learning environment by utilizing current instructional technology to maximize learning.
4. Successfully manage the process of obtaining, maintaining and upgrading program specific technology skills and maintaining current industry certifications.
5. Develop new communications systems and processes, including email, online material, course delivery systems, and a website.

TOPICAL OUTLINE

APPROX. HOURS

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| <ol style="list-style-type: none"> 1. Introduction <ol style="list-style-type: none"> a. Meeting the Needs of Today's Student b. Student Engagement Theory c. Accommodating Diverse Learning Styles d. Supporting Students with Disabilities e. Utilizing your Technical Advisory Committee | 3 |
| <ol style="list-style-type: none"> 2. Basic Fluency in Technology <ol style="list-style-type: none"> a. Word, Excel, PowerPoint, Outlook b. USB Drive, CD-RW c. Projectors | 5 |
| <ol style="list-style-type: none"> 3. Web-Based Courses <ol style="list-style-type: none"> a. Vocabulary b. Online Course Development and Delivery c. Angel d. Ethics and Copyright Issues e. Online Resources | 5 |

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| 4. Enriching the Academic Experience | 5 |
| a. Web Conferencing | |
| b. Recording Lectures | |
| c. Google Apps for Education | |
| 5. Electronic Resources for Faculty | 5 |
| a. Grade Tracking | |
| b. Submitting Grades in the Instructor Briefcase (IBC) | |
| c. Student Management System (SMS) | |
| 6. Multimedia Portfolios | 10 |

APPROX. HOURS:

33

Originated by: Malcolm Grothe
5/3/11