

EDT 612 - Meaningful Learning with Technology

Course Outline

Required Textbook and Software

Egbert, J. (2009). *Supporting Learning With Technology: Essentials of Classroom Practice*. (1st ed). Upper Saddle River, NJ: Pearson/Prentice Hall. (ISBN: 978-0-13-172118-0).

Microsoft Office (Word, Excel and PowerPoint)--minimum versions 2007 for PC or 2008 for Mac.

Students will also complete assignments using the TeacherWeb, QuestGarden and RubiStar websites, which offer free trial periods.

Course Description

This course is focused on integrating technology and constructing meaningful learning in K-16 classrooms. Students apply traditional learning theories to technology-based methods and techniques, use technology as a communication tool, and design lesson-based web projects. Contemporary issues involving the Internet and the development of virtual learning communities will also be addressed.

Course Specific Expectations

Upon satisfactory completion, students will be able to:

1. Implement technology integration in the classroom.
2. Apply the ISTE Technology Standards for teachers and students in their own teaching.
3. Produce interactive, technology-based lesson plans, learning activities, Web Quests, and multimedia presentations aligned to State Standards.
4. Analyze and evaluate research articles, synthesize the information, and write a Web 2.0 research paper on suggested research topics following APA format.

APA Style

For guidance with APA format, see the APA Style section in the class menu. An excellent tutorial is available at [The Basics of APA Style Tutorial](#).

Final Grade Evaluation

The final grade evaluation in this course will be based on points as follows

Week	Assignment	Points
1	Assignment 1: Lesson Analysis and Adaptation Worksheet (50 points) Assignment 2: Slam Dunk Content Learning PPT (50 points) Discussion Board: NETS-T (20 points) Quiz: Chapters 1 and 2 (20 points)	140
2	Assignment 1: TeacherWeb Class Page (100 points) Assignment 2: Web 2.0 research paper (200 points) Discussion Board: Digital Learners (20 points) Quiz: Chapters 3 and 8 (20 points)	340
3	Assignment 1: Media Literacy Lesson Adaptation (40 points) Assignment 2: Problem-Solving Process Plan (100 points) Discussion Board: Teachable Moments (20 points) Quiz: Chapters 4 and 6 (20 points)	180
4	Assignment 1: WebQuest (200 points) Assignment 2: QuestGarden (100 points) Discussion Board: WebQuest Planning (20 points) Professional Dispositions and Reflection Survey (20 points)	340
	Total Points	1000