

COLORADO STATE UNIVERSITY-PUEBLO
College of Education, Engineering & Professional Studies
Department of Teacher Education

ED 280/ED 520
Educational Media and Technology
2008 Syllabus

Instructor: Lawrence DeHerrera
Location: LS 117
Time: Thursdays 6pm - 8:50pm
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Office Hours : By Appointment

COURSE OVERVIEW:

The focus of this course is the use and application of technology within the classroom to enhance student learning and to increase student achievement. Upon completion, all successful participants will have achieved a strong level of proficiency in the utilization and integration of technology to enhance standards based instruction, student assessments, and the management /communication of information.

This course is a required core course for students seeking a teaching endorsement in all areas.

CREDIT HOURS:

3 Credit Hours

REQUIRED MATERIALS:

Textbook:

Roblyer, M.D. (2006). Integrating Educational Technology into Teaching. (4th Edition). Upper Saddle River, N.J. Pearson, Merrill Prentice Hall. ISBN 0-13-119572-7

Other materials:

- A Computer with Internet Access
- Access to the Microsoft Office suite (Word, Excel, PowerPoint)
- Access to Web Editing Software (MS Expressions)
- Jump Drive (a.k.a -USB Flash Drive, Thumb Drive, etc)

COURSE OBJECTIVES:

1. To develop and demonstrate skills, knowledge, and strategies necessary to model effective uses of technology in the classroom.
2. To demonstrate the effective use of telecommunications (Blogs, Web Pages) to communicate, collaborate, publish, and interact with peers, students, parents and other audiences.
3. Successfully demonstrate the ability design and create web based products.
4. Develop lesson activities that integrate the functions and capabilities of concept mapping software (Inspiration).
5. Develop productivity applications for spreadsheet software (MS Excel) that would enhance student learning and increase the productivity and efficiency of an educators work related tasks.
6. Use multimedia tools (PowerPoint, video editing software) in designing a digital story lesson activity.
7. To develop and describe your philosophy of teaching.
8. Use appropriate methods to evaluate instructional software and internet sites for quality, credibility, relevance and the level of thought it promotes according to Bloom's taxonomy.
9. For a given technology integration strategy, create an instructional plan that is pedagogically sound.
10. To demonstrate effective ways to utilize technology for authentic forms of assessment.

COURSE STANDARDS:

This course meets the following National Educational Technology(NET) Standards for teachers:

I. A. TECHNOLOGY OPERATIONS AND CONCEPTS.

Teachers demonstrate a sound understanding of technology operations and concepts.

II. PLANNING AND DESIGNING LEARNING ENVIRONMENTS AND EXPERIENCES.

Teachers plan and design effective learning environments and experiences supported by technology.

III. TEACHING, LEARNING, AND THE CURRICULUM.

Teachers implement curriculum plans that include methods and strategies for applying technology to maximize student learning.

IV. ASSESSMENT AND EVALUATION.

Teachers apply technology to facilitate a variety of effective assessment and evaluation strategies.

V. PRODUCTIVITY AND PROFESSIONAL PRACTICE.

Teachers use technology to enhance their productivity and professional practice.

VI. SOCIAL, ETHICAL, LEGAL, AND HUMAN ISSUES.

Teachers understand the social, ethical, legal, and human issues surrounding the use of technology in PK-12 schools and apply those principles in practice.

COURSE OUTLINE and ASSIGNMENTS

WK	Dates	Topics	Assignments
1	Aug 28th	Introduction Technology What Was, What Is and Is to Come Learning to Blog	Read Ch 1 Complete your introductory blog as assigned in class Lesson Topic – 5 Learning Objectives
2	Sept 4th	The Purpose Driven Teacher and Purpose Driven Lessons (Understanding by Design) Sept. 8th: End of drop period (Last day to drop course without a grade recorded.)	Inspiration Assignment – due end of class Read Ch 2 and Class Handouts 2 nd Blog Entry and Responses
3	Sept 11th	Integrating Technology in Education What is the best way to learn? What is the best way to teach? Diverse Learners and Technology – Bridging the Gap Teaching with multi-media tools (Learning PowerPoint)	Power Point Assignment Read Ch 6 p183-202
4	Sept 18th	Spreadsheets - Increasing job productivity and enhancing classroom instruction. (Working with Excel)	Read in Roblyer: Chapter 4 Excel Assignment 3rd Blog Entry and Responses
5	Sept 25th	Web design Creating your own class website	Web designing Assignment Read Ch 7
6	Oct 2 nd	Web quests – Bridling the power of the internet in your classroom.	Web quest Assignment Read Ch 8

			4 th Blog Entry and Responses
7	Oct 9 th	Movie Making Planning, scripting and design	Moviemaker Assignment Read Ch 6 p203-208
8	Oct 16 th	Movie Production -Integrating images, video, narration and music for the final production.	Moviemaker Assignment Read Ch 3 5 th Blog Entry and Responses
9	Oct 23 rd	Software and Website Evaluations - God give me the wisdom to know the difference between good and poor quality technology	Evaluation Assignment Read Ch 5 6 th Blog Entry and Responses
10	Oct 30 th	Class Field Trip - Technology In Action Visit Connect Middle School	7 th Blog Entry and Responses
11	Nov 6 th	Assessment and Technology Creating a pedagogically sound lesson that integrates technology effectively	Content ,Technology, Based Lesson Read – Teacher Assigned Readings 8 th Blog Entry and Responses
12	Nov 13 th	Continue Lesson Creation	Content ,Technology, Based Lesson
13	Nov 20 th	Presenting an Analysis of Your Lesson	Content ,Technology, Based Lesson
14	Nov 27 th	Thanksgiving Break – No Class	
15	Dec 4 th	Final	Final Assessment

Class Assignments:

Each week you will have a series of assigned tasks to complete. If you do not have a computer at home, you can travel to Colorado State University-Pueblo campus and use one of the student computer labs. The labs should have all of the software you will need to be successful in this course. If you do not have a personal computer and cannot travel to CSU-Pueblo to use a lab, **it is your responsibility to gain access to a computer to complete your assignments.**

Assignments not submitted by the due date will have the starting grade value deducted by one letter grade for each day that it is late. If you contact me before the due date and have a legitimate excuse, I may waive this penalty.

All assignments will be assessed for proper grammar, punctuation, etc. as well as adherence to guidelines and completeness of content. In addition to the assignments listed below, you will be participating in a series of discussion board topics throughout the semester.

Finals and Course Assessment

Published websites, blogs and content area technology based lessons will serve as culminating assessments for this course. Your individual electronic portfolios will also serve as evidence that you have successfully completed and achieved the objectives and national education standards for this course.

Grading

Item	% of final grade
Blogs and Class Participation	10%
Inspiration Assignment and Software Evaluation Assignment	5% (Each)
Podcasting Assignment – Class field trip	5%
Multimedia Assignment (Power Point)	10%
Spreadsheet Assignment (Excel)	10%
Web Site and Web quest Assignment	20%
Movie Maker Assignment	20%
Final – Part 1 and Part 2	20%

Grading Scale:

Individual grades for each assignment will be based on the standard 0-100% scale

Percentage Range	Grade Level
100% to 90%	A
89% to 80%	B
79% to 70%	C
69-60%	D
0-50%	F

COURSE POLICIES

INCOMPLETE GRADES:

A grade of **incomplete** will only be assigned if a student and the professor have agreed upon the grade before the end of the last week of classes and will not be assigned merely because work may be incomplete. **Extraordinary** circumstances such as excused illness or death in the family must have occurred for an incomplete to be considered. In all cases, if an incomplete is granted, it is the responsibility of the student to establish a meeting with the professor **BEFORE** the final class period to complete a contract that outlines a timeline of due dates for all incomplete assignments. Failing to meet such timelines will result in **“no credit”** on those assignments.

ATTENDANCE:

You are expected to attend each and every class as you will be held responsible for all in and out of class assignments. In the event that you are absent due to some circumstances beyond your control, it is your responsibility to inform me. It is also your responsibility to obtain and complete any assignments our class completed during your absence. **Please be aware that your attendance is tied to the class participation portion of the grade.** Excessive or unnecessary absences can obviously hurt your overall grade in more ways than one; as you will be missing valuable instruction time, as well as the details and expectations of each assignment. If you miss one or two classes due to an emergency or unexpected event in your schedule that is understandable. **However, please be aware that more than two absences will have a negative impact on your overall grade.**