



Course Syllabus

EDTC 5010 .ID	Mark Lynn	mlynn@psdr3.org
<hr/> COURSE NUMBER AND SECTION Classroom Technologies	<hr/> INSTRUCTOR Spring 2004	<hr/> E-MAIL ADDRESS 3
<hr/> COURSE TITLE Parkwood Elementary	<hr/> TERM	<hr/> CREDIT HOURS
<hr/> SITE		

1. Course Description:

This course is for educators and provides an introduction to using technology in the classroom. This is a hands-on, project-based course designed to help integrate technology into the elementary and secondary classroom. Topics include Internet, presentation software, word processing, video production, digital photography, web page construction, educational software evaluation, appropriate use, and technology integration. Students will consider how a variety of technologies can support their efforts in the classroom.

1. Learning Outcomes:

- Be comfortable using a variety of software including: PowerPoint, Word, Appleworks, Inspiration, Netscape/Internet Explorer, iMovie, Print Explosion
- Successfully integrate technology into their teaching to enhance instruction
- Evaluate software and appropriate uses for technology
- Use hardware such as digital cameras, scanners, and digital camcorders
- Become familiar with terms, concepts and trends in the use of technology
- Begin teaching basic technology skills to their students
- Describe terms, concepts and trends in the use of technology with elementary, secondary, and special education students. (MO-STEP 1b, 3a, 5a; CC5-k3)
- Select and evaluate web sites to determine appropriate use in the classroom. (MO-STEP 1b, 5a; CC5-k3)
- Plan for the use of technology as an integrated part of the curriculum. (MO-STEP 1b, 5a; CC5-k3)
- Use word processing, database, spreadsheets, and graphics with children and as teacher utilities. (MO-STEP 1b, 5a)
- Use the Internet for research and email.
- Design an integrated lesson using technology. (MO-STEP 1b, 5a; CC5-k3)
- Demonstrate competency in the use of software and hardware. (MO-STEP 1b, 5a)

Examine future developments and trends in technology with special emphasis on their implications for the classroom. (MO-STEP 1b, 5a)

3. Schedule of required readings, class preparations and assignments, lectures, discussions, student presentations, out-of-class assignments and exams.

Dates	Weekly Topics
Week 1 Jan. 14th	Introductions, Syllabus, Expectations, Get to Know each other activity, Internet Search, Essential Questions
Week 2 Jan. 21st	Appleworks: Making a Newsletter/Scoring guide
Week 3 Jan. 28th	Print Explosion: Making a Postcard/Scoring guide in Word
Week 4 Feb. 4th	Excel: Spreadsheet OR Appleworks: Database/Scoring guide
Week 5 Feb. 11th	PowerPoint/ First Article Due
Week 6 Feb. 18th	PowerPoint/Scoring guide
Week 7 Feb. 25th	Work Day - First 4 mini Projects Due
Week 8 Mar 3rd	Inspiration/Scoring guide
Week 9 Mar 10th	Digital cameras, scanners, digital video cameras, finding images/clip art
Week 10 Mar 17th	IMovie/ Second Article Due
	NO CLASS Pattonville Spring Break Mar 24th
Week 11 April 1st	Imovie/Scoring guide
Week 12 April 7th	Ed. Software Evaluation Share
Week 13 April 14th	Web Site/pages Building
Week 14 April 21st	Web Site/pages Building
Week 15 April 28th	Work Day - Last 3 Mini Projects Due
Week 16 May 5th	Final Project Imovie or PowerPoint Presentations

The Missouri Show-Me Standards are addressed within the content of this course. Identification of specific standards are included within course assignments. Integration of Missouri Assessment Program (MAP) standards and grade levels will be integrated into this course when appropriate

4. Resources:

Text(s): None

Supplemental Readings: To be chosen by the students

Audio-visual/other:

5. Evaluation: Students will be evaluated on their completion and participation of the following:

- a. Technology Articles/Site of the Night (15%)
- b. Class Participation/Attendance (10%)
- c. 7 Mini Projects 35%
- d. Software Evaluation (5%)
- e. Final Project (35%)

A. Technology Articles/Site of the Night: Each student is responsible for turning in two articles with a typed summary for each article. Each student will be assigned a night where they will share a web site with the class.

- 1st Article/summary 5%
- 2nd article/summary 5%
- Site of the Night Presentation 5%

B. Class Participation worth 10%: Students are expected to get involved with class discussions, share their ideas, and ask questions in needed. Regular class attendance is required.

C. Students are to complete seven mini projects worth a total of 35% of your grade. (See weekly topics schedule). Each project should be a student sample used to share with their kids, along with a scoring guide for each project to use as an assessment.

7 Mini Projects

1. Newsletter with scoring guide – make the newsletter using Appleworks, and create scoring guide using either Appleworks or Word. A scoring guide will be provided to assess your newsletter. This assignment should accompany your Essential Question.
2. Postcard with scoring guide – make the postcard using Print Explosion, and create the scoring guide using either Appleworks or Word. A scoring guide will be provided to assess your postcard. This assignment should accompany your Essential Question.
3. Create a spreadsheet using Excel, and create a scoring guide using either Appleworks or Word. This should go with your Essential Question.

OR

Create a Database using Appleworks, and create a scoring guide using either Appleworks or Word. This should go with your Essential Question.

4. Create a PowerPoint Presentation to share with your students, or it can be a student sample you create. You will also need to create a scoring guide using either Appleworks or Word. This should go with your Essential Question.
5. Using Inspiration, create a graphic organizer to implement with your students, along with content included in a certain subject area that goes along with your Essential Question.

6. Make an Imovie to share with me. This should go with your Essential Question. Follow my scoring guide.
7. Create a classroom Website that follows my scoring guide. Create the scoring guide using either Appleworks or Word.

D. Software Evaluation worth 5%: Students are to find a piece of computer software and complete the Education Software Evaluation form. This will be shared in class and I will collect the form.

E. FINAL PROJECT worth 35%:

You must choose a piece of software we have used and discussed in class, and use it with your students in an educational setting. Your final project should follow your Essential Question that you created at the beginning of the semester. You must then write a one page summary of the lesson using the criteria listed below and then create either a PowerPoint slide show or Imovie to present the results of the lesson to the class.

LESSON:

- Must include a piece of software from class.
- Must be done in an educational setting (i.e. No families)
- Should be at least 15 minutes in length.

TYPED SUMMARY:

Include the following information:

- Name of software used
- Reasons for picking this piece of software
- Description of your lesson
- Objectives of your lesson that meet your Essential Question
- How students responded to your lesson
- Successes and pitfalls of using the software
- Reflection on the success of your lesson/were the objectives met

PRESENTATION:

Use either PowerPoint or Imovie to present the following information:

- Name of lesson
- Include Essential Question
- Description of the lesson
- How students responded to the lesson
- Successes and pitfalls of using the software
- Samples (if possible) of student work

A lot of this information is a repeat of the information in the typed summary.

Final Project grades/papers will be returned to students through inner school mail. Students should provide a large envelope with your name and school written on the outside.

THIS SYLLABUS IS SUBJECT TO CHANGE AT THE DISCRETION OF THE INSTRUCTOR.

