



Course Syllabus

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 COURSE NUMBER AND SECTION INSTRUCTOR E-MAIL ADDRESS

Introduction to Technologies for Educator Spring 2003 / 3
 COURSE TITLE TERM CREDIT HOURS

WEBH/ Holman Middle School
 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.

2. Learning Outcomes:
 - Be comfortable using a variety of software including: PowerPoint, Word, Appleworks, Inspiration, Netscape/Internet Explorer, iMovie **(MoStep 1.2.11.1)**
 - Successfully integrate technology into their teaching to enhance instruction **(MoStep 1.2.11.2)**
 - Evaluate software and appropriate uses for technology **(MoStep 1.2.11.4)**
 - Use hardware such as digital cameras, scanners, and digital camcorders **(MoStep 1.2.11.1)**
 - Become familiar with terms, concepts and trends in the use of technology **(MoStep 1.2.11.1)**
 - 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. **(MoStep 1.2.11.1)**
 - Select and evaluate web sites to determine appropriate use in the classroom. **(MoStep 1.2.11.4)**
 - Plan for the use of technology as an integrated part of the curriculum. **(MoStep 1.2.11.6)**
 - Use word processing, database, spreadsheets, and graphics with children and as teacher utilities.
 - Use the Internet for research and email. **(MoStep 1.2.11.2)**
 - Design an integrated lesson using technology. **(MoStep 1.2.11.3)**
 - Demonstrate competency in the use of software and hardware. **(MoStep 1.2.11.3)**

- Examine future developments and trends in technology with special emphasis on their implications for the classroom. **(MoStep 1.2.11.3)**

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

| | Topics |
|----------|--|
| Week 1: | Introductions, Knowledge Survey, Intro to the Internet and Internet Research |
| Week 2: | Word Processing: Word vs. Appleworks |
| Week 3: | Spreadsheets and Databases |
| Week 4: | PowerPoint: What's the Point? |
| Week 5: | Digital Cameras, Scanners, Digital Video Cameras, & other toys First article due |
| Week 6: | Digital Video and iMovie |
| Week 7: | iMovie continued |
| Week 8: | Inspiration for Inspiration First 4 Mini-Projects Due |
| Week 9: | Web Pages Second article due |
| Week 10: | Work Day |
| Week 11: | Advanced Web Page Creation |
| Week 12: | Web Quests |
| Week 13: | Educational Software and Software Evaluation |
| Week 14: | Students and Computers Last article due |
| Week 15: | Work Day Last 4 Mini Projects Due |
| Week 16: | Final Project Presentations , Knowledge Survey |
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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 students

Audio-visual/other: Class Web Site at <http://www.webster.edu/~swagner>

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

- Technology Articles/ Site of the Night (30%)
- Class Participation (10%)
- Mini Projects (30%)
- Final Project (30%)

6. FINAL PROJECTS: Final projects/papers will be returned to students in the following manner:
 - Students should provide a self-addressed stamped envelope (appropriate size and postage) to the instructor so project/paper can be returned.

NOTE; Papers will not be available for pick up from the School of Education Office.

- This syllabus is subject to change at the discretion of the instructor.
- Regular class attendance is required.