



EDUC3125-01: Technology in the Classroom

SVR 204. Tues, Thurs, 8:30-9:50 am

Fall 2003, Semester, 3 credit hours

Office Hours: Tues 3-4 pm and by appt. If possible, please schedule appointments.

Office: Webster Hall, room 246

Instructor: Ralph Olliges, Ph.D.

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[1] Course Description:

This course is intended for beginning computer users. This is a hands-on, project-based course designed to help educators use technology creatively and effectively in support of curriculum in the elementary and secondary school classrooms. Emphasis is on learning how to use the software and the Internet in the classroom.

[2] Learning Objectives:

- 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. (MO-STEP 1b, 5a)
- 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] Projected Schedule of Activities:

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|-----------------|------------------------|---|
| Week 1: | Aug 26-28 | Course Overview Communication Tools: Using WebCT |
| Week 2: | Sept 2-4 | World Wide Web Internet history |
| Week 3: | Sept 9-11 | Search Engines Search Assignment involves searching the web for information on special education needs to support learning Internet Mailing Lists and FTP |
| Week 4: | Sept 16-18 | How to Evaluate Web Sites Web Quests |
| Week 5: | Sept 23-25 | Productivity Tools: Word Processing Creating a Newsletter |
| Week 6: | Sept 30 - Oct 2 | Test #1 on Internet Productivity Tools: Mail Merge |
| Week 7: | Oct 7-9 | Productivity Tools: Spreadsheet |
| Week 8: | Oct 14-16 | Productivity Tools: Database |
| | Oct 21-23 | FALL BREAK --- No class !!!!!!! |
| Week 9: | Oct 28-30 | Productivity Tools: Powerpoint |
| Week 10: | Nov 4-6 | Productivity Tools: Hyperstudio |
| Week 11: | Nov 11-13 | Multimedia: Scanner/Digital Camera/Graphics/ iMovie |
| Week 12: | Nov 18-20 | Test #2 on Productivity Tools Creating a Web Page |
| Week 13: | Nov 25-27 | One Computer Classroom / Cooperative Learning (Thanksgiving) |
| Week 14: | Dec 2-4 | Work on Final Project |
| Week 15: | Dec 9-11 | Work on Final Project |
| Week 16: | Dec 18 | Presentation of Final Project Final Exam due |

[4] Resources:

Textbook: Subscription to Video Archives at United Steaming. It costs \$19.95 per year. If it is used in more than one course, it only needs to be purchased one time. It is valid for one year. It is not refundable!

[5] Evaluation:

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| Weekly activities/assignments (approximately) | 400 |
| Tests (2) (100 pts each) | 200 |
| Final project | 200 |
| Final exam | 200 |

I plan to keep the final project. So if you desire a copy of it, please make one for yourself before turning it into me.

[6] Attendance:

Attendance at all classes is required. If a student anticipates missing a class, the instructor must be notified prior to the class. If so notified prior to the class, the absence may be excused. Students will be required to complete the work assigned and to make up any missed work by the next class. **If the absence is unexcused or sufficient classes are missed (more than 3), then the instructor reserves the right to lower the final grade.**

NOTE: This syllabus is subject to change at the discretion of the instructor; therefore, regular attendance is required.