



EDTC 5100-01: Teaching with Technology: Methods and Materials
WH 221 Lab. Mondays 5:00-8:00 pm

Spring 2004, Term I

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Office: WH 246

Office Hours: Tues 3-4 pm and by appt. Please schedule appointments if possible.

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[1] Course Description:

This course is designed with a focus on developing curriculum materials infused with technology. Participants will design curriculum for their particular content area integrating technology into the student learning experience. This course is designed for students needing to meet the Missouri Certification Requirement or to use this course to substitute for Curriculum Design.

[2] Learning objectives:

Learning Outcomes: (goals, objectives, course outcomes, etc.) Identify any MOSTEP or professional standards that are met by each learning outcome.

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.

- 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 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)
- Students will gain knowledge of how to create a newsletter. (MO-STEP 1b, 5a)
- Students will gain knowledge of how to create a PowerPoint presentation. (MO-STEP 1b, 5a)
- Students will gain knowledge of what criteria make for a good presentation. (MO-STEP 1b, 5a)
- Students will gain knowledge of how to use a digital camera in the classroom. (MO-STEP 1b, 5a)
- Students will gain knowledge of how to use the Internet in the classroom. (MO-STEP 1b, 5a)
- Students will gain knowledge of how to evaluate educational software. (MO-STEP 1b, 5a)
- Students will gain knowledge of how to create a test on line. (MO-STEP 1b, 5a)
- Students will gain knowledge of how to create a Hyperstudio stack. (MO-STEP 1b, 5a)

[3] Projected Schedule of Activities:

Week 1:	January 12	Orientation/WebCT intro/Internet – Ch 13
Week 2:	January 19 –(MLK – B-day) Made up: Jan 23rd	Digital Camera, graphics, Newsletter– Ch 9, 12
Week 3:	January 26	Powerpoint
Week 4:	February 2	Hyperstudio/Kidspiration – Test #1
Week 5:	February 9	Creating Groups/Evaluating Software – Ch 2, 6, 14
Week 6:	February 16	Evaluating Software – Ch 2, 6, 14 – Test #2
Week 7:	February 23	Making up a test online/Assessment – Ch 8
Week 8:	March 1	Presentations of Final Project

[4] Resources:

Required Textbook: Integrating Computer Technology into the Classroom. 2nd ed. By: Gary Morrison and Deborah Lowther. Merrill/Prentice-Hall Publishing. 2002. ISBN: 0-13-032396-9.

Recommended: Subscription to Video Archives at United Steaming. It costs \$19.95 per year.. If you teach for a school district in the Saint Louis area and the district is a member of CSD (Cooperating School Districts), most districts are members, then please contact

your Tech Coordinator for the district. The Tech Coordinator can provide access to it free of charge. Also, if it is used in more than one course, it only needs to be purchased one time. It is not refundable!

[5] Evaluation:

Weekly activities/assignments	200
Tests (50 pts each)	100
Final project	200
Final exam	100

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. This then becomes an excused or unexcused absence depending upon the determination made by the instructor. Irregardless of whether the absence is excused or not, students will be required to complete the work assigned and to make up any missed work by the next class. This is the responsibility of the student to make sure they find out what was missed and complete the work.

Please note that we only meet 8 times, hence each meeting is crucial. The instructor reserves the right to lower the final grade by a letter grade for absences.

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