Course Syllabus

COURSE NUMBER: **EDTC 5010.01**	COURSE TITLE: **Introduction to Technology for Educators**	TERM: **FALL 2006**
SITE: **Webster Hall 225**	INSTRUCTOR CONTACT INFORMATION: **Scott Wagner wagner@webster.edu**	CREDIT HOURS: **3**

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.

LEARNING OUTCOMES: Learner Outcomes for this course ISTE NETS Goals, Standards addressed

Course Outcomes	SOE Goals, SOE Dispositions, and MoSTEP/Prof Standards Addressed
1. Be comfortable using a variety of software including: PowerPoint, Word, Appleworks, Inspiration, Netscape/Internet Explorer, iMovie	NETS 1
2. Successfully integrate technology into their teaching to enhance instruction	NETS 1
3. Evaluate software and appropriate uses for technology	NETS 6
4. Use hardware such as digital cameras, scanners, and digital camcorders	NETS 1
5. Become familiar with terms, concepts and trends in the use of technology	NETS 1
6. Begin teaching basic technology skills to their students	NETS 1
7. 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)
8. Plan for the use of technology as an integrated part of the curriculum	(MO-STEP 1b, 5a; CC5-K3)
9. Use word processing, database, spreadsheets, and graphics with children and as teacher utilities.	(MO-STEP 1b, 5a)

10. Use the Internet for research and email.	(MO-STEP 1b, 5a)
11. Design an integrated lesson using technology	(MO-STEP 1b, 5a; CC5-K3) NETS 2-4
12. Demonstrate competency in the use of software and hardware	(MO-STEP 1b, 5a)
13. Examine future developments and trends in technology with special emphasis on their implications for the classroom	(MO-STEP 1b, 5a)

1. 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:	Work Day
Week 8:	Inspiration for Inspiration ***First 4 Mini-Projects Due/ Site of Nite Due***
	FALL BREAK
Week 9:	Web Pages ***Second article due***
Week 10:	Advanced Web Page Creation
Week 11:	Web Quests
Week 12:	Educational Software and Software Evaluation
Week 13:	What else can you do on the web?
Week 14:	Students and Computers ***Last article due***
Week 15:	Work Day ***Last 4 Mini Projects Due/ Site of Nite Due***
Week 16:	***Final Project Presentations***, Knowledge Survey

2. RESOURCES:

Text(s): None

Supplemental Readings: To be chosen by students

Audio-visual/other: Class Web Site at
http://www.webster.edu/~swagner/EDTC5010

3. EVALUATION: (basis of evaluation with explanation regarding the nature of the assignment and the percentage of the grade assigned to each item below)

Assessments	Links to Course Outcomes	Percentage of Grade
Technology Articles/ Site of the Night	1-6	30
Class Participation	1-6	10
Mini Projects	1-6	30
Key Assessment/Final Project	1-6	30

All academic and professional behavior of students in this course is subject to review for the purposes of student evaluation.

Key Assessment Description:

You must choose a piece of software or a strategy that we have discussed in class and use it with students in an education setting. You must then write a summary of the lesson using the criteria listed below and then create either a Power Point slide show or an iMovie to present the results of the lesson to the class.

6. GRADING SCALE :
90-100 A
80-89 B
70-79 C
60-69 D
0-59 F

Note: ALL PAPERS/PROJECTS MAY BE RETURNED VIA A SELF-ADDRESSED, STAMPED ENVELOPE. PAPERS ARE NOT AVAILABLE FOR PICK-UP IN THE MAT OFFICE.

7. ACADEMIC HONESTY POLICY:

Students at Webster University are expected to practice academic honesty.

In its broadest sense, plagiarism is using someone else's work or ideas, presented or claimed as your own. Any time you refer to another person's work, whether as a direct quotation or paraphrased, you must use a citation. Students should not copy more than two paragraphs from any source as a major component of papers or projects. All citations must be properly documented and references must be provided using APA guidelines (http://library.webster.edu/citation.html). C

8. ACCESSIBILITY/ACCOMODATIONS POLICY

If you have a disability, please notify your instructor as soon as possible to discuss your accommodation needs.

9. OTHER

Class participation and attendance is mandatory. In the event of an emergency, should a student miss a 3 or 4 hour class session, the final course grade may be reduced. **Students who miss more than 2 class period will have their grade lowered 1 letter grade.**

Students who do not complete the requirements of the course must contact the instructor prior to the end of the course to complete an Incomplete Course form. Incompletes are not awarded except in emergencies, as defined by the instructor.

NB: An Incomplete may only be awarded to a student who has maintained a passing grade up to the point of the emergency. Incomplete grades will change to a grade of F or NC unless the requirements stipulated on the incomplete form are met by the date listed on the form or one calendar year from the end of the course, whichever comes first.

10. Standards / Goals

International Society for Technology in Education **(ISTE)** - National Educational Technology Standards for Teachers **(NETS)** – http://cnets.iste.org/teachers/t_stands.html

ISTE NET Standards:

1. **Technology operations and concepts.**
   Teachers demonstrate a sound understanding of technology operations and concepts.
2. **Planning and designing learning environments and experiences.**
   Teachers plan and design effective learning environments and experiences supported by technology.
3. **Teaching, learning, and the curriculum.**
   Teachers implement curriculum plans that include methods and strategies for applying technology to maximize student learning.

4. **Assessment and evaluation.**
   Teachers apply technology to facilitate a variety of effective assessment and evaluation strategies.
5. **Productivity and professional practice.**
   Teachers use technology to enhance their productivity and professional practice.
6. **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.

The School of Education (SOE) Goals:

1. **The knowledgeable learner:**
   Education candidates will demonstrate knowledge of the subject matter, knowledge of the learner, and knowledge of pedagogy based on inquiry and scholarship.
2. **The informed instructor:**
   Education candidates will incorporate multiple assessment and instructional strategies to support effective educational practices based on research and theory.
3. **The reflective collaborator:**
   Education candidates will reflect on the roles educators take as leaders of change through collaboration with colleagues, students, and families in schools and communities.
4. **The responsive educator:**
   Education candidates will demonstrate respect for diversity through responsive teaching and learning that values individual differences.

This syllabus is subject to change at the discretion of the instructor.