

**INDIANA UNIVERSITY**

W301 – Integrating Technology in Teaching – Part I

**Course Information**

Credit:	1 semester hour
Prerequisite:	Successful completion of W200 or W201
Corequisite:	Enrollment in methods block one
Date Syllabus Prepared:	Fall 2007
Coordinating Instructor:	Dr. Tom Brush School of Education, Indiana University Tel: 856-8458 Fax: 856-8239 Email: <a href="mailto:tbrush@indiana.edu">tbrush@indiana.edu</a> Office hours: Thursdays 10 to 11
W301 Instructor:	Jesse Strycker Tel: n/a Email: <a href="mailto:jestryck@indiana.edu">jestryck@indiana.edu</a>  Office Hours: TH, 11:30 am – 12:30 pm, or by appointment CyberPort (between rooms 2260 and 2268)
Text:	All materials available on W301 OnCourse website

**Course Description:**

This course is designed to provide you with skills and experiences that will allow you to effectively and appropriately integrate technology into teaching and learning activities. In this course, we will focus on actively participating in projects that model effective technology integration, researching and developing classroom lessons and activities that utilize emerging technologies, and using technology to support professional development activities.

**Course Goals:**

1. Students will be able to analyze the strengths and weaknesses of various technologies used for instructional purposes.
2. Students will be able to utilize various emerging digital technologies to model instructional activities that may be performed by their future students.
3. Students will be able to research and analyze specific emerging technological resources available at school sites, and design appropriate instructional activities using those resources.

4. Students will document and reflect on their professional growth through an e-portfolio.

### **Course Requirements:**

Students are expected to:

1. Participate in weekly class discussions and/or activities. These discussions/activities will focus on important aspects of using technology in K-12 settings, including selecting appropriate technology resources, ethical uses of technology, using technology with students with special needs, national technology standards required of all students, copyright law, and typical technology resources available to teachers. Class attendance is mandatory. **Ten points will be deducted from your total grade for each unexcused absence**
2. In teams of three, research a specific emerging technology (or instructional technology teaching strategy) of interest to the student(s) that can potentially be integrated into their teaching. The topic must be approved by the instructor. Student teams will be expected to develop a report and 10-minute class presentation defining and describing the emerging technology, and detailing how the emerging technology is being used in school settings. More details will be provided in class.
3. In teams of three, conduct and complete one digital video “documentary.” For this class, the focus of the documentary will be open to the teams to decide, but must be approved by the instructor. The documentary should be a maximum of five (5) minutes long, and will be shared with the rest of the class. The documentary should include a title screen with credits, “introduction” screens between each “interview,” and a conclusion/summary screen. The documentary should also include relevant digital primary sources. More detail will be provided in class.
4. Compile all of the materials and assignments from this course and add them to your electronic teaching portfolio. Items to be added should include:
  - a. Your video documentary.
  - b. A copy of your research report.
  - c. Other information as deemed appropriate by your methods instructor.

More details about this assignment will be discussed in class.

**Evaluation:**

Final grades will be based on participation in the studios and completion of the major assignments.

Points will be awarded as follows:

<b>Class Participation/Weekly Assignments</b>	<b>25 Points</b>
<b>Video Project</b>	<b>30 Points</b>
<b>Technology Research Project</b>	<b>30 Points</b>
<b>Electronic Portfolio</b>	<b>15 Points</b>
<b>Weekly Reflections</b>	<b>16 Points</b>

**Grade Distribution:**

94 – 100 Percent	A	77 – 79 Percent	C+
90 – 93 Percent	A-	73 – 76 Percent	C
87 – 89 Percent	B+	70 – 72 Percent	C-
83 – 86 Percent	B	65 – 69 Percent	D
80 – 82 Percent	B-	0 – 64 Percent	F

**Late Policy:**

*Assignments are expected to be turned in on the dates that they are due. Failure to hand in an assignment on the due date without a valid excuse will result in a **10% reduction** in the overall assignment grade for **each day** the assignment is late.*

**Methodology:**

A variety of teaching methods are used in this class. They include, but are not limited to: lecture, discussion, demonstration (by the instructor and by students), and individual/group project work. Each student is expected to spend additional time outside of the required class time to complete projects.

**Procedures for Course and Instructor Evaluation:**

Students are asked to complete the department course/instructor evaluation instrument. They are asked to provide written comments regarding what they perceived to be the strengths and weaknesses of the course. Evaluations are anonymous and are submitted to the departmental secretary for coding and tabulation. Results of the evaluation are used to update the content and emphases of the course as contemporary research suggests.

### Class Schedule

Week	Start of Week	Topic	Assignments
1	August 27	Introduction to course; Review of syllabus Overview of OnCourse and W301 website Student Technology Inventory	Think about your tech experiences
2	September 3	Overview of Video Project Discussion: What are “good” uses of technology?	Bring one web resource to evaluate
3	September 10	Evaluating technology resources Copyright issues with technology resources	Review IMovie/ Moviemaker tutorial
4	September 17	Lab Day: MovieMaker/IMovie Develop Storyboards	Finish storyboards – turn in for feedback
5	September 24	Lab Day: MovieMaker/IMovie Video Day!	Complete videotaping
6	October 1	Independent Work – Complete Video Project	Complete Video Documentary
7	October 8	Video Documentary Presentations <b>Video Documentaries Due!</b>	School technology inventory
8	October 15	What technology is available in schools? What do students need to know? Overview of Technology Research Project	Develop and submit research project proposal
9	October 22	Feedback on Research Project Proposals Independent Work – Research Projects	
10	October 29	Examining teacher uses of emerging technologies	Complete video case study
11	November 5	Discussion of video case study	Complete technology research projects
12	November 12	Research Project Presentations Overview of E-Portfolio Project <b>Research Projects Due!</b>	
13	November 19	No class – Thanksgiving break	Bring electronic versions of e-portfolio stuff
14	November 26	Lab Day: E-Portfolios	Work on e-portfolios
15	December 3	NCSS Conference! Independent Work – E-Portfolios	Finish e-portfolios
16	December 10	No formal class – Finals week <b>E-Portfolios Due!</b>	

**Disclaimer: This syllabus is a best approximation of the course and may change as the semester progresses. Any changes will be announced in class ahead of time.**