C&I 571.01: Planning, Preparing, and Assessing Educational Technology Media

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C & I 571: Planning, Preparing, and Assessing Educational Technology Media
Spring, 2003

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Office hours:
Tuesday, 1:00 – 3:00 p.m.
Thursday, 10:30 a.m. – 12:00
By appointment

Course Location: EDUC 315

Description:

This graduate level 3-credit course extends the overview of instructional media introduced in C & I 306 and continued in C & I 515. It focuses on the design, development, implementation, and evaluation of instructional media for a variety of teaching and learning situations.

Frequently, in a technology course, the assignment might be to create a multimedia presentation, with X number of text items, X number of graphics, a movie, a sound. There is no guidance as far as planning, thinking about the impact of color, the appropriateness and placement of graphics and so on.

This course is designed so that you will consider all aspects of your projects, from the first idea, through planning, producing, and implementation. We will then assess the project not only from the perspective of its value as a standalone product, but more importantly, its value in the curriculum.

Learning Objectives:

At the end of the semester, the students will be able to:

A. Demonstrate skills in planning, producing and assessing instructional media
B. Demonstrate skills in locating and evaluating instructional materials and software for diverse curriculum areas
C. Demonstrate strategies for incorporating instructional media into the curriculum
D. Demonstrate skills in using current technologies in instructional settings

Teaching/learning strategies:

Readings from textbook and journals
Lecture and demonstration
Class discussions
Hands-on experience producing instructional media
Individual projects
Required textbook:


Recommended:


Selected Bibliography:

Books


Journals

Leading and learning with technology
Multimedia Schools
Technology and learning

Websites

Web Monkey
http://hotwired.lycos.com/webmonkey/

Creating User-centered copy
http://usableweb.com

Builder.com
http://www.builder.com

Jacob Nielsen’s Website
http://www.useit.com
**Evaluation:**

All assignments will be given a number of points. You will be assigned a number of points based on the grading criteria given you for that assignment. Class participation is required from all students and will be given a grade that is averaged with the rest. At the end of the semester, grades will be determined by the percentage of total points received out of the possible number.

**Assignments**

- Impact of Multimedia Report – 3 pages: 20 pts
- PowerPoint: 10 pts
- Web page project 1: 30 pts
- Midterm: 20 pts
- Web project 2: 30 pts
- Video project: 30 pts
- Final: 20 pts
- Class attendance and participation: 20 pts
- Journal: 20 pts

**Total points:** 200

A = 175 – 200 pts.
B = 150 – 175 pts.
C = 125 – 150 pts.
D = 100 – 125 pts.

**Multimedia projects**

For each multimedia project, I expect the following: Project goal (2 pts.), flowchart (5 pts.), storyboard (5 pts.), bibliography (3 pts.) project itself (10 pts.)
And a reflective paper (5 pts).

Projects, reports, and reading assignments are expected to be on time and presented in a professional manner. I expect words to be spelled correctly. All work should be written in APA style.
### C & I 571 Dynamic Schedule

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<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/28</td>
<td>Course overview</td>
<td>Read Chap. 1</td>
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<tr>
<td></td>
<td>Technology skills inventory</td>
<td>Prepare report and a short PowerPoint presentation on impact of MM in your discipline</td>
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<tr>
<td>2/4</td>
<td>Why multimedia? (Lab night for research, etc.)</td>
<td>Read Chap. 2 &amp; 3</td>
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<tr>
<td>2/11</td>
<td>DDD-E model</td>
<td>PPT and reports due</td>
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<tr>
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<td>Planning, designing, developing multimedia projects</td>
<td>Read Chap. 4</td>
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<tr>
<td>2/18</td>
<td>Dreamweaver review</td>
<td>Read Chap. 6 and 9</td>
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<tr>
<td>2/25</td>
<td>Graphics &amp; Animations Overview</td>
<td>Read Chap. 5</td>
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<tr>
<td>3/4</td>
<td>Fireworks basics</td>
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<td>3/11</td>
<td>Flash basics</td>
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<tr>
<td>3/18</td>
<td>Midterm &amp; Fireworks and Flash continued</td>
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<td>3/26</td>
<td>Spring break</td>
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<tr>
<td>4/1</td>
<td>Audio in Classroom</td>
<td>1st Web assignment due</td>
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<tr>
<td>4/8</td>
<td>Video in the classroom</td>
<td>Read Chap. 11</td>
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<td>Videotape – review using as a supplement</td>
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<td>Preparing students to make their own videotaped stories</td>
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<td>4/15</td>
<td>Video capture and editing</td>
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<td>4/22</td>
<td>Lab night</td>
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<td>4/29</td>
<td>More Dreamweaver</td>
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<td>5/6</td>
<td>Database driven web sites</td>
<td>Video project due</td>
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<td>5/13</td>
<td>Show and Tell</td>
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<td></td>
<td>Final web project due</td>
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