Syllabus

This course is designed for educators and will cover the analysis and creation of Web sites as used within an educational setting and will focus on meaningful inclusion of self developed, student developed, and external Web sites into a curriculum. Topics such as interface design, usability assessments, Web site evaluation, and how the Internet can be utilized to help meet the state standards will be discussed.

Class time will be divided between practical labs and discussions on topics such as the history of the web, social aspects of the web, educational uses of the web. Practical skills will be covered through hands-on work such as developing basic web site designs, creating simple animations, and the use of digital video as an alternative means of expression.

Because this course includes production-oriented skills, students will be expected to spend substantial out-of-class time working on the computer. Prior Web design and HTML experience are not required, although participants should be fully comfortable working on a computer. Students that possess current knowledge about web design will be required to challenge their current level of abilities.

Course Objective

- Design Web pages individually and within groups for the enhancement of education.
- Use Web authoring tools to visually organize text and graphics for the Web. Create and manipulate images and graphics for the Web.
- Create simple animations to create visual interest and to show procedural processes.
- Use video and audio as an alternative means of expression.
- Understand the effective use of Web sites in a curriculum in relation to the standards.
- Become critical consumers of the Web.

Readings

The readings are available online through either the UB Libraries course reserve system or through external on-line sources. Links to the readings are provided on the Readings page of the class web site.

**Class contribution**

Students are expected to complete the assignments and readings for each week before the class meeting. Participation in the discussion of assignments and readings will be a large portion of the class participation grade. Students are expected to voice honest reflections on the readings and the work done in class. It is required that every student demonstrates respect for the ideas, opinions, and feelings of all other members of the class.

An online communications center through UBLearns Blackboard system will be used to communicate about course matters. Students will post at minimum at least one comment or question concerning the reading materials to this class discussion board per week. In addition students will reply to at least message from another member of the class. Students are encouraged to post additional comments to the course discussion area. Students are expected to post a minimum of two messages per week.

**Assignments**

Links to the Assignments are provided on the Assignments page of the class web site.

**Software**

This course does not require the purchase of any text books. It is highly recommended that students purchase a copy of Macromedia Dreamweaver software to install and use from home. If a student decides not to purchase Dreamweaver, a 30 day trial version should be installed at home for the first 30 days of this semester.

Adobe Photoshop Elements is the graphic editing software we will use in class. Since many graphic editing software work very similar students can make due with any other graphic software. Apple iMovie (which is available for the Macintosh platform only), and Macromedia Flash are other software that will be used. It is not necessary for students to have these software titles on their home computer.

Dreamweaver and Photoshop Elements can be purchased at the educational prices through the following options:
### Recommended Software

<table>
<thead>
<tr>
<th></th>
<th>Educational Price</th>
<th>Available Options</th>
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</thead>
<tbody>
<tr>
<td>Macromedia</td>
<td>$99.00</td>
<td>UBMicro University Bookstore purchase online 30 day FREE trial version</td>
</tr>
<tr>
<td>Dreamweaver</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adobe Photoshop</td>
<td>$48.00</td>
<td>UBMicro University Bookstore</td>
</tr>
<tr>
<td>Elements</td>
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### Lab Access

- **Mac lab (214 Baldy)**
  - Monday through Friday: 9:00 am to 5:00 pm (except when classes are scheduled)
- **PC lab (200C Baldy)**
  - Monday through Friday: 9:00 am to 5:00 pm
  - Saturday: 6:00 pm to 9:00 pm
  - Sunday: noon to 6:00 pm (except when classes are scheduled)

* These hours are subject to change.
* Class schedules are posted on the doors to the labs.
* Students need to purchase a 100MB zip disk.

### Grades

The final course grade will be computed according to the following:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Attendance and punctuality</td>
<td>5%</td>
</tr>
<tr>
<td>Class contribution and discussion board participation</td>
<td>25%</td>
</tr>
<tr>
<td>Evaluations of web sites</td>
<td>10%</td>
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<tr>
<td>Personal web site</td>
<td>20%</td>
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<tr>
<td>Evaluation by peers</td>
<td>10%</td>
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<tr>
<td>Group projects</td>
<td>30%</td>
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</tbody>
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All students are expected to complete all course work by the due dates assigned. There will be a full letter grade penalty for assignments that are handed in late. A grade of incomplete will be assigned only if exceptional circumstances warrant.

Students that possess current knowledge about web design will be "required" to challenge their current level of abilities.

This syllabus is subject to modification throughout the semester as...
deemed necessary.