DREAMWEAVER/FIREWORKS
WEB 2000

Class Hours: 3.0
Credit Hours: 3.0
Lab Hours: 0.0
Revised: Spring 2011

NOTE: This course is not designed for transfer credit.

Catalog Course Description:

This course is designed to enhance skills and knowledge of the professional Web author by using cross-platform visual HTML editors, specifically Dreamweaver and Fireworks, for creating and managing Web sites and pages. The learner will use a variety of techniques, tools, and activities designed to develop pages for the commercial/professional Web developer standard. The learner will plan, design, develop, and test fully compliant Web pages which conform to the specification given.

Entry Level Standards:

Basic knowledge of Adobe Photoshop® and Layout Design

Prerequisites:

WEB 1600 or CSIT 2645 or equivalent for WEB students; no prerequisite for CGT students.

Textbook(s) and Other Course Materials:


Supplementary Materials (software): The following software is referenced in the course. Purchasing this software is optional.
- Adobe Dreamweaver CS5
- Adobe Fireworks CS5

I. Week/Unit/Topic Basis:

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
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<tbody>
<tr>
<td>1</td>
<td>Introduction to Fireworks</td>
</tr>
<tr>
<td>2</td>
<td>Images</td>
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<tr>
<td>3</td>
<td>Introduction to Animation</td>
</tr>
<tr>
<td>4</td>
<td>Slicing and Layers</td>
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<tr>
<td>5</td>
<td>Introduction to Dreamweaver</td>
</tr>
<tr>
<td>6</td>
<td>Working with Text in Dreamweaver</td>
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<tr>
<td>7</td>
<td>Working with Images and Creating Links in Dreamweaver</td>
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</tbody>
</table>
II. Course Goals*:

The course will:

A. Understand web technology and web authoring environment using Dreamweaver and Fireworks. I, IV
B. Import layouts and web elements from Fireworks to Dreamweaver. I, III, IV
C. Understand web layout design and integration of graphic & text elements. II
D. Exhibit knowledge of site management techniques. II, VI
E. Understand hyperlinks vs. anchor links and image maps. I, II
F. Address compatibility Issues with different web browsers and different computer platforms. I, III
G. Deal with Formatting Text and using CSS (Cascading style sheets). I, III

*Roman numerals after course objectives reference goals of the WEB program.

III. Expected Student Learning Outcomes*:

The student will be able to:

1. Use Dreamweaver and Fireworks skillfully. (A, B)
2. Understand Dreamweaver and Fireworks structure and interface. (A, B)
3. Use layers, timeline, and tables. (A, G)
4. Create rollovers, image maps, links, forms, templates, style sheets, and library items. (B, C, E, G)
5. Prepare images for web. (E, F, G)
6. Work with Dreamweaver and Fireworks preferences. (A, B)
7. Develop a functional and aesthetic web site that is platform independent. (F)
8. Meet deadlines. (D)
9. Participate in online group discussions and critiques. (D)

* Capital letters after Expected Student Learning Outcomes reference the course goals listed above.

IV. Evaluation:

A. Testing Procedures:

20 percent of grade. Students will be given a midterm exam and a final exam over course content at the end of the semester.

B. Laboratory Expectations:

N/A

C. Field Work:

N/A

D. Other Evaluation Methods:

- Projects/Assignments: 75 percent of grade. The projects and/or assignments will be uploaded to the web server space.
- Online Communication Tools: 5 percent of grade. Students will use email and course discussion board to communicate with the instructor and with each other.

E. Grading Scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>90-100</td>
</tr>
<tr>
<td>B+</td>
<td>85-89</td>
</tr>
<tr>
<td>B</td>
<td>80-84</td>
</tr>
<tr>
<td>C+</td>
<td>75-79</td>
</tr>
<tr>
<td>C</td>
<td>70-74</td>
</tr>
<tr>
<td>D</td>
<td>65-69</td>
</tr>
<tr>
<td>F</td>
<td>64 and below</td>
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</tbody>
</table>

V. Policies:

A. Attendance Policy:

Pellissippi State expects students to attend all scheduled instructional activities. As a minimum, students in all courses (excluding distance learning courses) must be present for at least 75 percent of their scheduled class and laboratory meetings in order to receive credit for the course. Individual departments/programs/disciplines, with the approval of the vice president of the Learning Division, may have requirements that are more stringent. In very specific circumstances, an appeal of the policy may be addressed to the head of the department in which the course was taken. If further action is warranted, the appeal may be addressed to the vice president of the Learning Division.

B. Academic Dishonesty:

Academic misconduct committed either directly or indirectly by an individual or group is subject to disciplinary action. Prohibited activities include but are not limited to the following practices:

- Cheating, including but not limited to unauthorized assistance from material, people, or devices when taking a test, quiz, or examination; writing papers or reports; solving problems;
or completing academic assignments.
• Plagiarism, including but not limited to paraphrasing, summarizing, or directly quoting published or unpublished work of another person, including online or computerized services, without proper documentation of the original source.
• Purchasing or otherwise obtaining prewritten essays, research papers, or materials prepared by another person or agency that sells term papers or other academic materials to be presented as one’s own work.
• Taking an exam for another student.
• Providing others with information and/or answers regarding exams, quizzes, homework or other classroom assignments unless explicitly authorized by the instructor.
• Any of the above occurring within the Web or distance learning environment.

C. Accommodations for disabilities:

Students who need accommodations because of a disability, have emergency medical information to share, or need special arrangements in case the building must be evacuated should inform the instructor immediately, privately after class or in her or his office. Students must present a current accommodation plan from a staff member in Services for Students with Disabilities (SSWD) in order to receive accommodations in this course. Services for Students with Disabilities may be contacted by going to Goins 127, 132, 134, 135, 131 or by phone: 539-7153 or TTY 694-6429. More information is available at www.pstcc.edu/departments/swd/.

D. Other Policies:

Students must have a valid PSCC ID to be presented on demand to gain access to PSCC facilities.

Hardware/Software Requirements for this Course

PC criteria:

Hardware:
• Intel Pentium 4, Intel Centrino, Intel Xeon, or Intel Core Duo (or compatible) processor.
• Microsoft Windows XP with Service Pack 2 or Windows Vista Home Premium, Business or Windows 7
• 1 GB of RAM
• 5 GB of available hard-disk space
• 1024 x 768 monitor resolution with 16-bit video card
• CD-ROM drive (DVD preferred)
• High-speed Internet connection such as cable modem or DSL recommended
• Speakers

Software:
• Internet Explorer 6.0 (or higher) with Outlook Express
• Shockwave and Flash players.
• Adobe Acrobat Reader 8.0 or better.

Macintosh criteria:

Hardware:
• Power G4 or G5 or multicore Intel processor
• Mac OS X v.10.4.8 (or higher)
• 1 GB of RAM
• 7 GB of available hard-disk space
• 1024 x 768 monitor resolution with 16-bit video card
- CD-ROM (DVD preferred)
- High-speed Internet connection such as cable modem or DSL recommended
- Speakers

Software:
- QuickTime 7.0.4 or better
- Adobe Acrobat Reader 8 or better
- Adobe Flash player