Course Title and Item Number:  Web Design & Development with HTML / MIC 151

Number of Credits:  5  Lecture Hour Equivalent:  55

Instructor:  Yun Moh

Office Hours:  The instructor does not have regular office hours, but the instructor will be happy to arrange a meeting at a mutually acceptable time. E-mail the instructor to arrange meetings.

E-mail: yun.moh@seattlecolleges.edu  Message Phone: 206-651-5233
Office: 2BE3176
For an urgent matter, call AND email me.

Office:  Business, Information Technology, and Creative Arts Division, 2BE5166, Seattle Central Community College, 1701 Broadway, Seattle, WA, 98122

Course Description:  The course focuses on Web site design and development by utilizing Hypertext Markup Language (HTML5) along with Cascading Style Sheet (CSS 3). JavaScript implementation is also discussed. Software applications such as Notepad and ws_ftp will be utilized.

Course Objectives:
- Learn creating Web pages.
- Learn HTML and CSS.
- Learn common Web page formats and functions.
- Learn Web design and graphics.
- Develop and install comprehensive web sites.

Course Outcome:  As a student completes the course, each one will be able to:
- Discuss various formats of the World Wide Web and features of the Internet.
- Design simple and complex web sites.
- Understand basics of Hypertext Markup Language (HTML5) and Cascading Style Sheet (CSS 3).
- Create web pages and sites with text, images, internal and external hyperlinks, thumbnails, tables, image maps, frames, and forms.
- Upload Web files to Internet server.
- Find resources for web development on the Internet.
Prerequisite: MIC 101, MIC 150, or an equivalent is recommended. It is expected that the student will have a basic knowledge of the use of a microcomputer and an Internet browser. A basic understanding of the Windows interface is also expected. In particular, the student should know how to navigate in the Internet using URL's, and use the Windows Explorer to manipulate (save, copy, delete, move, etc.) files. No prior knowledge or experience in programming is required.

Text/Materials:

1. Required Textbook: The more detail is on the course Web site.  
   New Perspectives HTML and CSS: Comprehensive, 6th Edition
   - Author: Patrick Carey
   - Published by Course Technology
   - Cost: Approx. $60~110

2. Software: Notepad (PC) or SimpleText (Mac), Internet Explorer, FireFox, and Safari. All software should be either already installed on your computer or are freely downloadable. If you use a Macintosh, you may use TextEdit or SimpleText instead of Notepad.

3. Internet Connection: In order to take the course, you need an access to the Internet. You may use the college computer lab if you choose to pay the computer lab fee.

Computer Platform:

IBM PC: Pentium 3 or later CPU and Windows XP or later.
Macintosh: Comparable models to the PC's listed above.

Course Structure:

1. Instruction: For each week, additional resources and learning materials are posted on the course site. However, most of course material will be from the textbook. The textbook is visually-oriented for greater ease in following instructions.

2. Discussion Board: Throughout the quarter, Web related topics will be posted for discussion. All students and the instructors will participate in the discussions.

3. Assignments: Problems and readings will be periodically assigned to help support and supplement material found in the text. These assignments may require the application of various software packages.

4. Quizzes: Occasional quizzes will be given to help ensure students stay up with assigned material.

5. Project: You will create and install a Web site as a final project at the end of the quarter. The projects will be a “hands on” project wherein you will be using skills
you learned throughout the course and follow a set of guidelines to produce required results.

**Grading:**

Letter grades will be determined using a standard percentage point evaluation as outlined below. Grades **may** be curved after the total quarter points have been tabulated. However, do not count on a curve to obtain your desired grade.

<table>
<thead>
<tr>
<th>Letter</th>
<th>Range</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>3.1-4.0</td>
<td>90%-100%</td>
</tr>
<tr>
<td>B</td>
<td>2.1-3.0</td>
<td>80%-89%</td>
</tr>
<tr>
<td>C</td>
<td>1.1-2.0</td>
<td>70%-79%</td>
</tr>
<tr>
<td>D</td>
<td>0.7-1.0</td>
<td>60%-69%</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
<td>Below 60%</td>
</tr>
</tbody>
</table>

The final grade will be computed on the following weights:

<table>
<thead>
<tr>
<th>Category</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discussion Board Assignments</td>
<td>15%</td>
</tr>
<tr>
<td>Textbook Assignments</td>
<td>50%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>10%</td>
</tr>
<tr>
<td>Midterm Project</td>
<td>10%</td>
</tr>
<tr>
<td>Final Project</td>
<td>15%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
</tr>
</tbody>
</table>

**Course Policies:**

The student is responsible for keeping up with the course schedule. It is very easy to let days pass by without working on your course materials. Although you can study any time of the week for the course, I suggest you set up certain times and days of a week to study for the course. Missed or late quizzes cannot be made up under any circumstances, but, with exceptional cause and adequate notice, an early quiz may be given. Only official excuses will be accepted. **Any uncoordinated, unexcused missed quiz will result in a score of 0 for that quiz.** There is no make-up quiz or assignment.
Assignments: All assignments are due by midnight of each Sunday. Late submission of assignments will result in a penalty of 10% per day. No exceptions will be made.

Academic Dishonesty: Plagiarism and cheating are serious offenses and may be punished by failure on an exam, assignment, or project; failure in the course; and/or expulsion from the college. For more information, refer to the "Academic Dishonesty" policy in the college catalog or student handbook.

Need for Assistance: If you have any condition, such as a physical or learning disability, which will make it difficult for you to carry out the work as I have outlined it, or which will require academic accommodations, please notify me as soon as possible.

Posting of Grades: All grades will be posted in the Blackboard.

Course Outline

It is a subject to change. The most current schedule is available in the weekly assignments page.

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic/Discussion</th>
<th>Textbook Tutorial</th>
<th>Assignments</th>
</tr>
</thead>
<tbody>
<tr>
<td>One</td>
<td>Developing Basic Web Page</td>
<td>1</td>
<td>Complete Tutorial 1 of the textbook. Zip the tutorial folder and attach the zip file in the assignment page. Refer to the Assignments page for detail. Post Discussion 1 topic in the Discussion Board. See the weight of each assignment.</td>
</tr>
<tr>
<td></td>
<td>Zipping files</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>E-mailing attachment files</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two</td>
<td>Developing Basic Web Site</td>
<td>1</td>
<td>Complete and submit Tutorial 1 of the textbook. Refer to the Assignments page for detail. Post Discussion 2 topic in the Discussion Board. See the weight of each assignment.</td>
</tr>
<tr>
<td></td>
<td>Quiz 1 for Tutorials 1 &amp; 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Three</td>
<td>Developing a Web Site</td>
<td>2</td>
<td>Complete and submit Tutorial 2 of the textbook. Post Discussion 3 topic in the Discussion Board.</td>
</tr>
<tr>
<td>Four</td>
<td>Designing a Web Page with CSS</td>
<td>3</td>
<td>Complete and submit Tutorial 3 of the textbook. Post Discussion 4 topic in the Discussion Board.</td>
</tr>
</tbody>
</table>
| Five | Midterm Project covering Tutorials 1-3. | 1-3 | Midterm Project.  
|      |                                         |     | Post Discussion 5 topic in the Discussion Board.  
|      |                                         |     | Post Final Project Proposal  
|      |                                         |     |  
| Six  | Creating Page Layouts with CSS Quiz 2 for Tutorials 3 & 4. | 4   | Complete and submit Tutorial 4 of the textbook.  
|      |                                         |     | Post Discussion 6 topic in the Discussion Board.  
|      |                                         |     |  
| Seven| Working with Web Tables and Columns Submit Final Project Draft | 5   | Complete and submit Tutorial 5 of the textbook.  
|      |                                         |     | Post Discussion 7 topic in the Discussion Board.  
|      |                                         |     | Wok on the Final Project.  
|      |                                         |     | If possible, upload the draft version of the Final Project Web site to a Web server.  
|      |                                         |     |  
| Eight| Creating a Web Form Quiz 3 for Tutorial 5. Final Project is due at 6 p.m. of the first day of the final exam days. No late submission will be accepted. | All | Complete the tutorial section of Tutorial 6 of the textbook. (no Review and Case 1)  
|      |                                         |     | Post Discussion 8 topic in the Discussion Board.  
|      |                                         |     | Complete and update your web site by the deadline.  

Details of weekly assignments will be available when you open the web page for each week. Mainly the assignments will be consisted of the materials at the end of each Tutorial of the textbook. The assignments will be either e-mailed to the instructor or uploaded to a Web server.

In addition to weekly assignment, there will be a final project that is due by the final week.

**Mid-term Web Site Project**
You are to develop a web site consisting at least four web pages using HTML and Web design skills that you have learned. The theme of the Web site is your resume. The contents could be real or fictitious. Suggested Web pages that you could have are: the home page, qualification, experience, education, and contact information.

**The Final Project**
- You will be developing a web site consisting at least 7 to 10 web pages written in HTML tags. You may not use any sort of a Web editor application for the project.
• The final project will include all HTML tags that the course discussed. They will include, but are not limited to internal and external hyperlinks, images, image maps, tables, and forms. The structure and the content of the web site are up to the student.

• A proposal of the web site needs to be approved by the instructor by the end of the 8th week of the course.

• The draft of the final project should be finished by the end of the 10th week and reviewed by the instructor. Revise and complete the final project during the 11th and the final’s week.