

Pellissippi State Community College  
Master Syllabus

**Web Design I – Introduction to Web Technology**  
**WEB 1600**

**Class Hours: 3.0**  
**Laboratory Hours: 0.0**

**Credit Hours: 3.0**  
**Revised: Fall 2016**

**Catalog Course Description:**

An introduction to hypertext markup language (HTML), cascading style sheets (CSS) and the fundamentals of Web technology. The course includes writing HTML and CSS code that is standards-compliant in order to produce and publish basic websites.

**Prerequisite(s):**

None

**Textbooks(s) and Other Course Materials:**

*Web Design with HTML5 & CSS3*  
Jessica Minnick  
Cengage Learning 2016  
ISBN: 978-1-305-57817-3

**I. Week/Unit/Topic Basis:**

<u>Week</u>	<u>Chapter</u>	<u>Topic</u>
1	1	Introduction to the Internet and Web Design
2	1	Introduction to the Internet and Web Design
3	2	Building a Webpage Template with HTML5
4	2	Building a Webpage Template with HTML5
5	3	Enhancing a Website with Links and Images
6	3	Enhancing a Website with Links and Images
7	4	Applying CSS Styles to Webpages
8	4	Applying CSS Styles to Webpages
9		Design & Implement Solutions
10	5	Responsive Design Part 1: Designing for Mobile Devices
11	5	Responsive Design Part 1: Designing for Mobile Devices
12	7	Improving Web Design with New Page Layouts
13	7	Improving Web Design with New Page Layouts
14	8	Creating Tables and Forms
15		Final Exam

## **II. Course Goals\*:**

The course will:

- A. Teach students the basic principles of the Internet and Web Design. (I, II, III, IV)
- B. Teach students to create web pages using HTML5. (I, II, III, IV)
- C. Enhance student's knowledge of good coding practices. (I, II, III, IV)
- D. Teach students how to create text and image links. (I, II, III, IV)
- E. Guide students in adding graphic images, color, text, and navigation elements to web pages. (I, II, III, IV)
- F. Expand student understanding of typographic design, templates, data forms, and tables. (I, II, III, IV)
- G. Guide students in creating and using Cascading Style Sheets for layout and design. (I, II, III, IV)
- H. Teach students the basics of responsive design for mobile devices. (I, II, III, IV)
- I. Enhance student's knowledge of good design elements. (I, III, V)
- J. Expand student's skill in file management techniques and procedures in uploading files to the Internet. (II, IV)

\*Roman numerals after course objectives reference goals of the Web Technology program.

## **III. Expected Student Learning Outcomes\*:**

Students will:

1. Use HTML5 to create Web pages (A, B, C, D, E, F, G)
2. Correctly code text elements, including headings, paragraphs and lists in a Web page. (B, C, D, E, F)
3. Insert character entities, hypertext and graphic links. (B, C, D, E)
4. Validate an html document. (B, C, D, E, F)
5. Use Cascading Style Sheets for design and layout. (B, C, G)
6. Develop graphics and other content for HTML documents. (B, C, F)
7. Use color, typography and navigation tools to enhance HTML documents. (B, C, E)
8. Create responsive designs for mobile devices. (A, B, C, D, E, F, G)
9. Create fixed-width and liquid layouts. (B, C, F, G)
10. Create tables and data forms. (B, C, F)
11. Create a website combining text and graphics in an organized layout. (A, B, C, D, E, F, G, H, I, J)

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

## **IV. Evaluation:**

Testing Procedures: 45% of grade

Chapter Quizzes

Final Exam

Laboratory Expectations: N/A

Field Work: N/A

Other Evaluation Methods:

Projects & Assignments: 50% of grade

Communication Assignments: 5%

Grading Scale:

A	90-100
B+	85-89
B	80-84
C+	75-79
C	70-74
D	60-69
F	0-59

## **V. Policies:**

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 Academic Affairs, 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 Academic Affairs.

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.

Please see the Pellissippi State Policies and Procedures Manual, Policy 04:02:00 Academic/Classroom Conduct and Disciplinary Sanctions for the complete policy.

#### Accommodations for Disabilities:

Students that 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 Disability Services (DS) in order to receive accommodations in this course. Disability Services may be contacted by sending email to [disabilityservices@pstcc.edu](mailto:disabilityservices@pstcc.edu), or by visiting Alexander 130. More information is available at [PSCC Disability Services](#).