

**PELLISSIPPI STATE COMMUNITY COLLEGE
MASTER SYLLABUS**

**WEB DESIGN I: INTRODUCTION TO WEB TECHNOLOGY
WEB 1600**

Class Hours: 3.0

Credit Hours: 3.0

Laboratory Hours: 0.0

Revised: Spring 2015

Catalog Course Description:

This course introduces the student to hypertext markup language (HTML), the language of the Web. Students produce and publish basic Web sites using HTML/XHTML/cascading style sheets (CSS), forms and tables. Students learn to use a scanner and graphics program to develop graphics for use in Web pages. Internet browsers and software used to produce Web pages and to post the pages to the Web are discussed. Web page design and research skills are developed. Building of a well-designed Web site is covered.

Entry Level Standards:

Students should be proficient in use of the Windows or Mac OS X environment and should have basic word processing and file management skills.

Prerequisites:

ADMN 1100 or consent of program coordinator

Textbook(s) and Other Course Materials:

Bojack, Henry and Scollard, Sharon (2013) *Blended HTML, XHTML, and CSS, 3rd Edition*. Boston, MA, Course Technology. ISBN-13: 978-1-133-52610-0

Software:

Software used will include one or more of the following: Windows or Mac OS X, Internet Explorer, Chrome, Firefox or Safari, HTML editors (free or purchased) and free online graphics programs.

I. Week/Unit/Topic Basis:

Week	Topic
1	Getting Started/Using HTML to Create Web Pages
2	Using HTML to Create Web Pages
3	Creating Links
4	Creating Links
5	Introducing Cascading Style Sheets

6	Cascading Style Sheets
7	Formatting Text and Links
8	Working with the Box Model
9	Creating Fixed-Width Layouts
10	Creating Liquid Layouts
11	Creating Data Tables
12	Creating Forms
13	Final Project
14	Multimedia and Accessibility/Image Editing
15	Final Exam Period

II. Course Goals*:

The course will:

- A. Teach students the basic principles of creating web documents. (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 add graphic images, color, text, and navigation elements to web pages they create. (I, II, III, IV)
- F. Expand student understanding of typographic design, 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. Enhance student's knowledge of good design elements. (I, III, V)
- I. Expand student's skill in file management techniques and procedures in uploading files to the Internet. (II, IV)
- J. Teach students how to create a two-page website including content and layout. (VI)

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

III. Expected Student Learning Outcomes*:

The student will be able to:

- 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. Use Cascading Style Sheets for design and layout. (B, C, G)
5. Develop graphics for HTML document. (B, C, F)
6. Use color and backgrounds to enhance HTML documents. (B, C, E)
7. Create a data form. (B, C, F)
8. Create fixed-width and liquid layouts. (B, C, F, G)
9. Create tables. (B, C, F)
10. Create a website combining text, 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:

A. Testing Procedures: 50% of grade

Weekly Quizzes
Final Exam

B. Laboratory Expectations:

Not applicable

C. Field Work:

Not applicable

D. Other Evaluation Methods:

- Projects & Assignments: 47% of grade
- Online Communication Tools: 3% of grade

E. Grading Scale:

The final grade will be determined on the basis of scores on assignments, quizzes, and final project according to these standards:

A 89.5-100
B+ 86.5-89.4
B 79.5-86.4
C+ 76.5-79.4
C 69.5-76.4
D 59.5-69.4
F 59.4 and below

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 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.

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.

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

C. 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, or by visiting Alexander 130. More information is available at <http://www.pstcc.edu/sswd/>.

D. Other Policies:

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