

CUMBERLAND COUNTY COLLEGE

Course: CS 132 Web Page Development I

Credits: 4

Prerequisites: None

***Note:** CS132 students will need sufficient computer skills to be able to perform basic file management: create, delete, rename and/or copy folders and files. (Example: use Windows Explorer or a similar tool to do file management tasks.)*

Description:

Introduces the student to the fundamental concepts and techniques used for the design and development of web pages using Hyper Text Markup Language (HTML), XHTML, Cascading Styles Sheets, and multimedia web technologies. In addition, students will explore the use of an example Content Management System to develop a website.

Learning Outcomes

At the completion of this course, students will be able to:

- Use HTML to create web pages and add links to a web page.
- Demonstrate understanding of general concepts and structures for developing a web site.
- Use style sheets and CSS to enhance the appearance of web pages
- Use HTML features to enhance the appearance and functionality of web pages with:
 - images and image maps
 - tables
 - frames
 - multimedia objects
- Understand general concepts of adding forms to web pages, and how forms and CGI scripts can be used to acquire information.
- Understand general concepts of JavaScript and how variables, data, expressions, and operations of the JavaScript Language can be used to enhance the appearance and functionality of web pages
- Demonstrate how a Content Management System (as specified for the course) can be used to develop a website.

Topical Outline

- Developing a Basic Web Page: elements of *HTML5*
- Adding Hypertext Links to a Web Page
- Designing a Web Page
- Working with Cascading Style Sheets
- Introduction to Tables
- Creating Web Page Forms
- Introduction to Multimedia
- Introduction to JavaScript
- Developing and deploying web pages with a Content Management System

Text:

New Perspectives on HTML and CSS, 6th Edition, Comprehensive; Course Technology, 2012. (ISBN: 978-1-111-52644-3)

Student Assessment

(Assessment may be accomplished through projects, portfolios, exams, presentations and/or papers)

Academic Integrity

Plagiarism is cheating. Plagiarism is presenting in written work, in public speaking, and in oral reports the ideas or exact words of someone else without proper documentation.

Whether the act of plagiarism is deliberate or accidental [ignorance of the proper rules for handling material is no excuse], plagiarism is, indeed, a “criminal” offense.

As such, a plagiarized paper or report automatically receives a grade of **ZERO** and the student may receive a grade of **F** for the semester at the discretion of the instructor.

Tutoring & Project Assist

If you are having difficulty with work in this class tutoring is available through the Center for Academic & Student Success. If you think that you might have a learning disability, contact Project Assist at 856.691.8600 x 1282 for information on assistance that can be provided to eligible students.

Before Withdrawing From This Course

If a student experiences adverse circumstances while enrolled in this course and considers withdrawing, s/he should see an advisor (division or advisement center) **BEFORE** withdrawing from the class. A withdrawal may cause harmful repercussions to completion rate standards and overall GPA which can limit or eliminate future financial aid in addition to causing academic suspension.