



Passaic County Community College  
Academic Year: 2023-2024  
Standard Syllabus

Department Chair: Merille Siegel

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**Course Code:** CIS 170 (GD 170)

**Course Title:** Website Design & Tools

**Department:** CIS/Engineering

**Semesters Offered:** Fall day, Spring Evening

**Course Description:**

This course provides a hands-on experience for students interested in learning how to develop websites. Students gain an understanding of terminology, web design, and web operation functions, and they explore a variety of methods available for building a website. Both HTML5 and CSS3 will be introduced. Students use a high-level, web-authoring tool to build web pages for a website that can utilize a database and is published onto a network server.

**Prerequisites:** CIS 101 or CIS 107 or CIS 108

**Credits:** 3.0

**Lecture Hours:** 3.0

**Lab/Studio Hours:** 0

**Clinical/Fieldwork Hours:** 0

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**Required Textbook/Materials:** This class is OER and therefore has no textbook requirements. Students will be required to complete readings through the computer and download Text Editor software to complete the course. Students are required to have access to a current Browser so that they can access Blackboard and the course material, such as articles, videos, and PowerPoint presentations.

Ideally, students should have a USB Flash Drive where they can save course files and assignments that they are currently working on. If students do not have the required software, they can use the CIS Lab in Room H311.

**Open Educational Resources (OER) Statement:** This course is designed using materials freely available on the internet, or paid for by the institution. There is no print textbook to purchase. However, students are expected to have sufficient access to the technology required to view, read, and interact with course readings, videos, and activities. Students will be advised whether printing of material is required, or if print copies of selected materials have been made available.

Students can find orientation information about OER courses on the following Libguide:

<http://pccc.libguides.com/oer-students>

**Additional Time and Supplemental Requirements:**

Based on a 15 week semester, students are expected to spend an additional 6 hours per week outside class working on this course.

**Course Learning Outcomes:**

Upon completion of this course, students will be able to:

- Demonstrate knowledge of the terminology used by Web development professionals.
- Compose a website design document.
- Code a web page using HTML tags
- Demonstrate knowledge of cascading style sheets (CSS)
- Implement interactive webpages (including forms) using a high level authoring tool.
- Implement a website using a high level authoring tool.

**General Education Outcomes:**

This is not a general education course.

**Grading Standards:**

Assignments	50%	
Examinations	30%	3 tests, makeup examinations only available with a valid, documented emergency
Project	10%	Research or Design Projects will be assigned to each student.
Attendance	10%	Lateness counts as a half-absence

**Course Content:**

(Schedule and suggested topics, readings, and assignments subject to change based on instructor and instructional resource)

Topics
Welcome / Course Syllabus
Web Design, Web Development and the Internet
Web Design Basics
Web Design and User Experience
Intro to HTML 5
Introduction to CSS 3
Visual Elements
The web and mobile
Tables / Exam 2
Tables / Web Layouts
Web Layouts
Forms
Content Management System (CMS)
CMS
Current Topics
Current Topics
Exam 3

**College Policies:**

For Information regarding:

- PCCC's Academic Integrity Code
- Student Conduct Code
- Student Grade Appeal Process

Please refer to the PCCC Student Handbook and PCCC Catalog

**Panther Alert:**

The College will announce delayed openings, closings, and other emergency situations through the Panther Alert System. Students are encouraged to sign up for Panther Alert Notifications by logging into their student accounts through the PCCC website at [www.pccc.edu](http://www.pccc.edu) and following Panther Alert System instructions.

**Notification for Students with Learnings Disabilities:**

If you have a disability, and believe you need accommodations in this class, please contact the Office of Accessibility Services at 973-684-6395, or email [ods@pccc.edu](mailto:ods@pccc.edu). You should do so as soon as possible at the start of each semester. If you require testing accommodations, you must remind me (the instructor) one week in advance of each test.