



CONTINUING EDUCATION

Course Outline

HTML5, CSS3 and Online Content Management Tools

Learn how to read and write HTML and CSS, and gain exposure to industry-standard online content management tools. Learn HTML tags for creating structure and layout and placing content and controlling attributes within a webpage. Use CSS to design the look of pages. Create interactive navigation and more using HTML5 and CSS3. Practice using online authoring software and content management systems, and experience how each tool works through hands-on activities.

Who Should Take This Course?

This course is designed for those who wish to learn how to utilize the functionality of HTML5 and CSS3 to create or enhance web pages. This is the second required course in the User Experience (UX) Design Certificate Program.

Course Objectives

- Create a basic web page
- Work with text to convey your message
- Work with links, images and color
- Work with navigation and site structure
- Create external style sheets
- Use various tools to create, analyze and debug websites
- Create a sample website

Course Info

- Length: 18 hours
- Format: Classroom instruction, demonstration and exercises
- Prerequisite: Basic computer skills, proficiency with Windows and familiarity with internet browsing

Course Content

Create a basic web page

- Create a home page
- Understand basic web page structure
- Add an internal style sheet
- Create web page structure using style sheets

Work with Text to Convey Your Message

- Add inline styles for headers
- Add inline styles for paragraphs
- Add HTML tables
- Add HTML lists

Work with Links, Images and Color

- Add links to a web page
- Add images to a web page
- Discuss best practices for using images on the web
- Incorporate HTML colors

Work with Navigation and Site Structure

- Place anchors within your code
- Define CSS class for Nav Buttons
- Create new pages to test navigation

Create External Style Sheets

- Define CSS and understand its purpose
- Create and implement CSS style sheets

Use various tools to create, analyze and debug websites

- Discuss frameworks for web applications
- Explore website development tools
- Analyze and debug using built-in browser tools
- Learn about Content Management Systems
- Compare Content Management Systems and website builders
- Learn about WordPress

Create a Sample Website

- Place navigation on the page
- Link pages together using both CSS styles and HTML attributes
- Add a header and footer to the website
- Add at least one image to each page
- Add at least one video to each page
- Add at least one color to each page
- Apply styles to a minimum of three different text styles: H1, H2 and text
- Demonstrate how to test files in different browsers to ensure usability

Assessment /Evaluation

This course is not assigned a letter or numerical grade. However, in some cases, skill assessments may be administered during the course to gauge progress and comprehension.

Course Completion/Continuing Education Unit (CEU) Letter

If your company requires proof of course completion, or if you would like to have proof for your own records, you may request a Course Completion/Continuing Education Unit (CEU) letter **after the final session of your course**. You must attend* 80 percent of the course (or 100 percent of a single-day course) to qualify for the letter. You can [request a Course Completion/CEU letter online](#).

Certificates of Completion for Certificate Programs

To receive a Certificate of Completion for the User Experience Design Certificate, you must attend* 80 percent of the first four courses (calculated by the number of sessions in each course) and 100 percent of the Capstone course; participate in class; and satisfactorily complete the Capstone project. If you complete a certificate program by taking courses individually (not through a series), you can [request a Certificate of Completion online](#).

*Attendance for CEU letters and certificate programs is verified via the sign-in sheets provided at each class session. It is your responsibility to sign-in.

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The accommodations authorized on your forms should be discussed with your instructor. All discussions will remain confidential. Accommodations are not provided retroactively, so it is essential to discuss your needs at the beginning of the quarter. Additionally, only accommodations approved by Disability Support Services will be provided. This syllabus is available in alternate formats upon request. Green River College is an equal opportunity educator and employer. Learn more at www.greenriver.edu/accessibility.