Web Accessibility

Web Accessibility refers to the inclusive practice of removing barriers and allowing all users to have equal access to websites. In this course, you will explore Section 508 guidelines and W3C published specifications and requirements for making websites accessible. You will also learn ways in which users with unique needs and browsing tools access websites and receive tips and techniques for addressing the complexities and diverse nature of your audience.

Who Should Take This Course?

This course is designed for those tasked with enhancing their websites to meet accessibility standards and guidelines. This is the fourth required course in the User Experience (UX) Design Certificate Program.

Course Objectives

- Identify the barriers that inaccessible websites create for users with disabilities
- Define the legal implications for designing an inaccessible website
- Create website content that is perceivable for people with disabilities
- Create user interface components that are operable for people with disabilities
- Create website content that makes the information understandable for people with disabilities
- Create robust website content so that people with disabilities can access the site using different technologies

Course Info

- Length: 6 hours
- Format: Classroom instruction, demonstration and exercises
- Prerequisite: HTML5 and CSS3 or equivalent experience

Course Content

Identify the barriers that inaccessible websites create for users with disabilities
- Define the disabilities that can make using websites difficult
- Describe the challenges that people with disabilities encounter when using websites
- Identify the assistive technologies that people with disabilities use to access websites

Define the legal implications for designing an inaccessible website
- Identify the Section 508 requirements for building an accessible website
- Identify the Web Content Accessibility 2.0 guidelines and conformance levels
- Identify the potential consequences of not conforming to the accessibility guidelines
- Create website content that is perceivable for people with disabilities

Create website content that is perceivable for people with disabilities
- Create electronic text alternatives for non-text elements
- Create appropriate alternatives for audio and video content
- Create content that is adaptable to different methods of presentation
- Create visual and auditory components that allow users with disabilities to distinguish the foreground from the background

Create user interface components that are operable for people with disabilities
- Build pages so that all functionality is available from a keyboard
- Create interface elements that provide users sufficient time to read and respond
- Create content that avoids known triggers that can cause seizures
- Create page components that show users their current location within a website, and allow navigation choices that help them find the desired content

Create website content that makes the information understandable for people with disabilities
- Create text content that is easy to read and comprehend
- Create pages that look consistent and work predictably
- Build page elements that provide a way to detect and correct errors

Create robust website content so that people with disabilities can access the site using different technologies
- Create pages using current design and coding standards

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 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 HR Generalist Certificate, you must attend* 80 percent of the entire certificate program (calculated by total number of sessions). If you complete a certificate program by taking courses individually, 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.

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**.