



CIW WEB AND MOBILE DESIGN SERIES CIW Advanced HTML5 and CSS3 Specialist



HTML5 AND CSS3 TECHNOLOGIES

CIW Advanced HTML5 and CSS3 Specialist is the first of seven new and redesigned courses in the CIW Web and Mobile Design training and certification series. This course teaches you how to develop modern Web documents using Hypertext Markup Language version 5 (HTML5), Cascading Style Sheets version 3 (CSS3) and JavaScript.

CIW Advanced HTML5 and CSS3 Specialist

The CIW Advanced HTML5 and CSS3 Specialist course is for individuals who want to develop the skills necessary to specialize in modern Web design. This course teaches the technologies sometimes called the "Web development trifecta" — HTML5, CSS3 and JavaScript — to create Web pages that easily adapt to display on smartphones, tablets, gaming devices, smart TVs, as well as traditional desktop computers.

Target Audience

- Students
- Web designers
- Internet consultants
- IT professionals
- Marketing professionals
- Web and graphic artists
- Business professionals

CIW Advanced HTML5 and CSS3 Specialist

Students and professionals will learn to:

- Implement HTML5 coding solutions using HTML5 elements, attributes and values.
- Apply CSS3 formatting to Web documents using various properties, selectors, and techniques.
- Integrate JavaScript coding into Web pages to create HTML5 APIs (application programming interfaces), which extend the functionality of pages with features such as geolocation, drag-and-drop, canvas and offline Web applications.
- Use HTML5 and CSS3 techniques on traditional and mobile delivery platforms, including mobile apps and, to transform a traditional Web site into a mobile Web site.

RELATED JOBS AND CAREER PATHS



Students will also learn techniques for code validation and testing, form creation, inline form-field validation, and mobile design for browsers and apps, including Responsive Web Design (RWD) of HTML and CSS code; using HTML5 and JavaScript APIs to extend the functionality of Web pages, such as geo-location, drag-and-drop, canvas and offline, using style sheets extensively to format Web page content and Search Engine Optimization (SEO).

CIW — The Industry Standard for Web Technology Education and Certification

CIW is the world's fastest growing vendor-neutral Internet skills training and certification program for students and professionals. More than a certification or a curriculum publisher, CIW is a Web technology standard adopted by academic institutions, governments and businesses worldwide. CIW includes applications and competencies, but our core curriculum focuses on the foundational standards that sustain the infrastructure of IT: Web design, e-commerce, security, networking and databases.

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