

Training: CIW
Site Development Associate

| FORM OF TRAINING | MATERIALS | PRICE | DURATION |
|------------------|-------------------|---------|----------|
| Traditional | Digital materials | 530 EUR | 2 days |
| Traditional | CTAB Tablet | 680 EUR | 2 days |

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING GOALS:

Site Development Associate teaches you essential Web page development skills. You will learn to develop Web sites using Hypertext Markup Language (HTML) and Extensible HTML (XHTML). You will learn to write code manually, as well as use graphical user interface (GUI) authoring tools. You will also learn to insert images, create hyperlinks, and add tables, forms and frames to your Web pages.

In addition to learning about XHTML and HTML coding, you will learn about CGI and use it to connect Web pages to databases. Other topics include validating your XHTML code, recognizing the importance of Internet marketing and search engine optimization, using style sheets to format Web page content, and implementing fundamental design concepts. Throughout the course, you will learn how Web sites are developed as managed projects. You will also identify e-commerce solutions and relate Web site development to business goals.

Site Development Associate provides an introduction to tasks, job roles and careers in Web development. This course will teach you to work as a productive part of a Web site development team. Hands-on labs include real-world scenarios based on a previously live version of the Habitat For Humanity site. Note that students will build prototype pages using Habitat For Humanity content. This content is provided by Habitat For Humanity with permission to use it in labs teaching site development skills. The prototype pages that students build do not necessarily represent, duplicate or simulate the current live Habitat For Humanity Web site, which can be visited at www.habitat.org.

Students and professionals who are interested in Web site development can benefit from the CIW **Site Development Associate** course and/or certification:

- IT professionals
- Marketing professionals
- Graphic artists
- Web site designers

CONSPECT:

- Markup Language and Site Development Essentials
 - Creating Web Pages Mobile and Cloud Issues
 - Text Editors and Markup
 - Languages
 - Graphical User Interface (GUI)
 - Editors
 - History of Markup Languages
 - The HTML Web Development
 - Trifecta: HTML5, CSS and
 - JavaScript
 - Web Site Development Principles
 - Hosting and Web Service Providers
 - The Habitat for Humanity Web Site
- HTML5 Coding
 - Introduction to Using HTML
 - Elements and Markup Tags
 - Document Structure Tags
 - Web Site File Structure
 - Preparing Your Development
 - Environment
 - Paragraph Formatting and Block-Level Elements
 - Text-Level Elements
 - Lists
 - Good Coding Practice
- Cascading Style Sheets (CSS) and Graphical Elements
 - Cascading Style Sheets (CSS)
 - Separating Content in HTML
 - Images in Web Pages
 - HTML Entities
 - Specifying Colors
 - Page Colors and Backgrounds
 - Specifying Font Information
 - Web Design Issues
 - HTML5 and Older Browsers

- Hyperlinks
 - Introduction to Hyperlinks
 - The Anchor Element
 - Creating Local Hyperlinks
 - Creating External Hyperlinks
 - Using Images as Hyperlinks
 - Creating Internal Links
 - Managing Hyperlinks
- HTML Tables
 - Introduction to HTML Tables
 - CSS Properties for All Table Elements
 - Table and Data Alignment Options
 - Height and Width of Table Elements
 - Column and Row Spanning
 - HTML Tables vs. CSS Page Structure
- Web Forms
 - Introduction to Web Forms
 - Web Forms and CGI
 - HTML5 and Forms
 - Basic Tags for Creating Web Forms
 - Web Form Fields
- Video, Audio and Image Techniques
 - Introduction to Web Video, Audio and Image Techniques
 - The ElementThe ElementGraphic Types
 - Image Maps
 - Image Transparency
 - Image Interlacing
 - Animation
 - Mobile Device Issues with Animation and Plug-Ins
 - Creating and Managing Images
- Extending HTML
 - Extending HTML
 - Server-Side and Client-Side Languages
 - Server-Side Languages

- Client-Side Languages
- Dynamic HTML (DHTML)
- Document Object Model (DOM)
- HTML5 APIs
- Canvas
- Offline Web Application
- Geolocation
- Drag-and-Drop Functionality
- Web Application Frameworks
- Connecting to a Database
- GUI HTML Editors and Mobile Web Sites
 - Introduction to GUI HTML Editors
 - Types of GUI Editors
 - GUI HTML Editor Functionality
 - Creating Web Pages with a GUI Editor
 - HTML Text Editors vs. GUI Editors
 - Previewing Pages and Validating Code
 - Web Site Publishing
 - Developing Web Pages for Mobile Devices
 - Mobile Apps vs. Mobile Web Sites
 - Converting a Web site for Mobile Users
 - Working with Web 2.0
- Web Site Development for Business
 - Developing a Business Web Site
 - E-Commerce Considerations
 - Internet Marketing and Search
 - Engine Optimization (SEO)
 - E-Commerce Payment Technologies
 - Working in a Global Environment
 - Databases and Web Pages Optimizing the Impact of the Web Page
 - Front-End Issues
 - File Formats and Active Content
 - Back-End Issues
 - Bandwidth and Download Time
 - Naming Web Page Files

REQUIREMENTS:

No prior experience using the Internet, developing Web pages or configuring networks is necessary. However, students should be familiar with an operating system such as Microsoft Windows Vista before taking this course. The CIW Web Foundations courseware does not provide entry-level computer literacy. Rather, it builds upon computer literacy training and certifications such as Microsoft Office Specialist (www.microsoft.com).

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by CIW. The Site Development Associate course prepares candidates also to take the CIW **Site Development Associate exam** (1D0-51B is available at [Pearson VUE](#) or [Prometric](#) test centers.), which if passed earns the individual the CIW Site Development Associate certification.

TRAINER:

CIW Certified Instructor