



Skill Set Alignment The Fundamentals of Web Design

This document lists the skills that students learn in the Fundamentals of Web Design course aligned to a job cluster. The concepts and skills attained in this curriculum have proved to be solid preparation for the World Organization of Webmasters Certified Web Designer Associate exam. Employers, Academies, and students may use this document to communicate current knowledge, or to identify skills demonstrated at a work setting. Another valuable use of this information is as a list of proficiencies expected through work experience.

Name of Business/Employer

Name of Student

Street Address

Street Address

City State Zip

City State Zip

Phone

Phone

Employment Supervisor's Name and Position

Web Graphics

- Creating and integrating graphics in websites
- Backgrounds
- Color
- Graphics formats
- File optimization
- Devices for capturing electronic images
- Graphics software
- Animated GIFs
- Accessibility for those with visual disabilities or those using non-graphical browsers

HTML and WYSIWYG Editors

- HTML history
- Versions
- Tags
- Layout
- Tables
- Frames
- Lists
- Forms
- Hyperlinks
- Anchors
- Embedding graphics and multimedia

- XHTML tags
- WYSIWYG editors
- Cascading Style Sheets (CSS)

Website Design

- Web page design
- Website planning
- Website design
- Navigation
- Site structure
- Information design
- Corporate identity and design
- Browser issues
- Connection issues
- Platform issues

Internet Basics

- Workings of the Internet
- Internet committees
- Search engines
- Browsers
- FTP
- E-mail
- Newsgroups
- Real time and asynchronous communications
- Plug-ins
- Helper applications
- Anti-virus software

Web Multimedia

- Audio
- Video
- Flash
- Streaming media for the web

Website Management

- Organization and file structure of a website
- Checking the site for errors
- Testing the site
- Managing the content after publishing

Legal Issues

- Contracts
- Fair use
- Copyright
- Trademark issues

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