
Designing and Maintaining Simple Web Sites

National Competency Standard (ICA05):
ICAB5165B Create dynamic web pages



Course Objectives

Upon completion of this course, attendees will be able to produce web pages (HTML documents) using SeaMonkey. Participants will gain an understanding of WWW concepts, including the relationship between the Internet, Intranets, WWW, HTML, text editors, and WYSIWYG editors.

Pre-Requisites

Those attending this course should be familiar with personal computers and be competent in the use of the keyboard and mouse. Additionally, they should understand World Wide Web concepts and be competent in browsing the Internet.

Duration

1 day.

Course Outcomes

1. Understand what the Internet is.
2. Understand the principles behind the World Wide Web.
3. Understand the fundamentals of HTML documents (web pages).
4. Create and design web pages using SeaMonkey.
5. Preview web pages in a web browser.

Optional Assessment

This is a nationally recognised training program. Participants who successfully complete the optional assessment component of this course will receive a Statement of Attainment for the unit of competency outlined above (additional fee applies). Participants who choose not to be assessed will receive a Certificate of Attendance. The case study assignment is completed in the participant's own time.

Course Content

Course Overview

- Software Versions
- Methodology Used in the Exercises

Planning and Design

- Planning Considerations
- Where will the site be hosted?
- What is the purpose of the site?
- What style should my web site have?
- Deciding on Site Content
- Navigation
- File and Folder Management
- The Home Page
- Web Page Design in General

Creating a Simple Page

- Font and Paragraph Styles
- Paragraph Formats
- Character Formats
- Lists
- Horizontal Lines
- Finding and Replacing Text

Graphics

- The GIF Format
- The JPEG Format
- Preparing Graphics for the Web
- Changing Format
- Resampling a Graphic
- Inserting an Image
- Editing Image Properties
- Location tab
- Dimensions tab

- Appearance Tab
- Link tab

Hyperlinks

- Inserting a Link
- Named Anchors
- Page Links
- Relative Links
- Absolute Links
- External Links

Tables

- Inserting a Table
- Table Properties
- Table Tab
- Cells Tab
- Changing the Table Structure
- Selecting Table Elements

- adding a cell, row, or column
- Deleting a cell, row, or column:
- Merging Cells
- Moving, Copying, and Deleting Whole Tables
- Converting Text into a Table

Putting it All Together

- HTML Meta Tags
- What are Meta Tags?
- Title Tag
- Description Tag
- Keywords Tag
- Robots Tag
- Publishing Issues
- Web Server on Local Network
- Web Server Hosted by ISP or Web Hosting Service
- Getting Noticed

Appendix

- Software Used for the Course
- General Web Page Design
- Getting Noticed