

## Web Page Design

Build Content Assessments Tools Partner Content

Discover Content



### Introduction and Procedures

Enabled: Statistics Tracking

This topic area will demonstrate competency in Web Page Design through construction, management, HTML, XHTML, links, images, maps, tables, forms, and frames.

A student must achieve a minimum of 80% of the total points allowed for this competency. That equates to 320 points out of 400 points.

Completion of the following tasks are required:

1. **Web Page Design Competency Assessment #1** (An assessment using multiple choice, and short answer and essay type questions; student gets two attempts to achieve the required score.)
2. **Web Page Design Competency Assessment #2** (An assessment similar in format to assessment #1 cover other materials; Student gets two attempts to achieve the required score)
3. **Web Page Design Competency Assessment #3** (An assessment similar in format to assessment #1 cover other materials; Student gets two attempts to achieve the required score)
4. **Web Page Design Project Competency Assessment** (An assessment demonstrating the student's ability to design one or more web pages for a selected topic)

Furthermore, in order to assist the student, Digital resources are provided as learning tools to enhance the student's knowledge as preparation for accomplishing any of these tasks.



### Required Competencies to Achieve

Enabled: Statistics Tracking

- Demonstrate best practices for designing end-user computing interfaces.
- Create a web site that incorporates the following as a minimum:
  - HTML5
  - Proper heading information
  - Proper CSS code in line, embedded and external files (CSS 3 as a minimum)
  - Unordered, ordered, description lists
  - images
  - tables
  - forms
  - Internal and external web page links
- Use the FTP client to transfer files
- Use the W3C Validator
- Document the web site specifications



### Digital Learning Resources

Enabled: Statistics Tracking

These learning resources will help you learn areas of Web Page Design.

This folder contains digital learning resources that cover the competency areas.

- It is recommended that the learner review this information prior to taking the two assessments.
- If a score of at least 80% is not earned on both assessments and the addressing assignment, the learner should review this material before attempting the assessment again



### Web Page Design Project Competency Assessment

Enabled: Statistics Tracking

Max 100 points (80% = 80 points)

Design a web page or series of web pages using the following requirements:

1. Preferably this is a "real" site that fills a need. Examples: your place of worship, a small business, or a local band you perform with. No personal Websites please!
2. Minimum of six pages
3. Use external, embedded, and inline CSS
4. Has a form to gather visitor's name and e-mail address
5. Includes a table with at least two rows and two columns
6. Passes W3 validators for both HTML5 and CSS3

K2W Information Systems Technology AAS Template (LF298.InfoSystemsTech.Template.K2W)

Program Information

K2W Support Team

IT Professions

Web Page Design

Database Fundamentals

Network Concepts

Principles of IS

Microcomputer OS

Software Design

Systems Analysis

Weekly Interaction

Competency Progress

K2W Website

LFCC Help & Support

Library Help

#### Course Management

#### Control Panel

My Files

Course Tools

Evaluation

Grade Center

Users and Groups

Customization

Packages and Utilities

Help

Quick Unenroll

7. By normal standards the site is considered attractive to the target audience

You may need to either pick a no--cost host site or use your own PC as a local host site to develop this project. You will need access to HTML5 and CSS development utilities. Attach your completed Project (all files individually or within a .zip folder) before hitting submit.



**Web Page Design Competency Assessment #1**

Concepts of Web Design Part 1 Max 100 points (80% = 80 points)



**Web Page Design Competency Assessment #2**

Intermediate features of web design. Max 100 points (80% = 80 points)



**Web Design Competency Assessment #3**

Comprehensive for all materials (concepts, intermediate) Max 100 points (80% = 80 points)

**Lord Fairfax Community College (LFCC)**

173 Skirmisher Lane

Middletown, VA 22645-1745

[LFCC.edu](http://LFCC.edu)



This work is licensed under a [Creative Commons Attribution 4.0 International License](https://creativecommons.org/licenses/by/4.0/).

This work was funded in part by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. This work was created by Lord Fairfax Community College (LFCC) and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership.