

Web Design 1

Course Syllabus

Teacher: Coach Webster

E-mail: frank.Webster@polk-fl.net

Work: 863-499-2900 ext:2820

Course Description:

This course is designed to provide a basic overview of the Internet, Intranet, and WWW. The content includes operating systems; basic HTML commands; navigation of the Internet, Intranet, and Web; and Web page design.

After completion of this class the student will be able to do the following:

- Know how to navigate in the World Wide Web
- Know the basics web site management.
- Become proficient in using:
 - Macromedia Dreamweaver
 - Macromedia Fireworks

Course Grading:

- First Semester = 45%
- Second Semester = 45%
- Final Exam = 10%

- Semester Grades
 - Terms and Vocabulary = 20%
 - Lecture Participation = 20%
 - Small Projects = 10%
 - Large Projects = 50%

- Final
 - Large Project = 100%

Florida Department of Education
STUDENT PERFORMANCE STANDARDS

Secondary Course Number: 8207110

Course Title: Web Design 1

Course Credit: 1

COURSE DESCRIPTION:

This course is designed to provide a basic overview of the Internet, Intranet, and WWW. The content includes operating systems; basic HTML commands; navigation of the Internet, Intranet, and Web; and Web page design. After successful completion of Web Design 1 and 2, students will have met Occupational Completion Point - Data Code B, Assistant Web Designer – SOC Code 15-1031.

WORK-BASED LEARNING

20.0 PARTICIPATE IN WORK-BASED LEARNING EXPERIENCES—The student will be able to:

- 20.41 Participate in work-based learning experiences in a Web Design Services (Web Design) environment.
- 20.42 Discuss the use of technology in a Web Design Services (Web Design) environment.
- 20.43 Compare and contrast the software applications used in a Web Design Services (Web Design) environment.

NETWORK/SOFTWARE SUPPORT

41.0 PERFORM E-MAIL ACTIVITIES—The student will be able to:

- 41.01 Describe e-mail capabilities and functions.
- 41.02 Create and send e-mail messages with attachments.
- 41.03 Reply to and forward e-mail messages.
- 41.04 Organize and manage e-mail messages.
- 41.05 Utilize all applicable e-mail options and functions.
- 41.09 Use the Internet to perform e-mail activities.
- 41.10 Define the standards used by Internet/Intranet e-mail (e.g., pop3, mime).
- 41.11 Describe the issues involved in sending and receiving documents as e-mail attachments.
- 41.16 Identify privacy issues in the employee/employer relationship (e.g., avoid libel, spam, personal usage).

42.0 DEMONSTRATE PROFICIENCY USING OPERATING SYSTEMS—The student will be able to:

- 42.10 Demonstrate proficiency with file management and structure (e.g., folder creation, file creation, backup, copy, delete, open, save).
- 42.11 Describe the difference between relative and absolute path commands.
- 42.12 Demonstrate a working knowledge of standard file formats.
- 42.13 Demonstrate proficiency with help references.

WEB DESIGN

50.0 PERFORM DECISION MAKING ACTIVITIES-The student will be able to:

- 50.01 Determine work priorities.
- 50.02 Evaluate and select appropriate software packages to complete assigned tasks.
- 50.03 Evaluate information to be used and choose relevant material.
- 50.04 Determine the audience.
- 50.07 Compare and select appropriate multimedia tools.

55.0 DEMONSTRATE PROFICIENCY NAVIGATING THE INTERNET, INTRANET, AND THE WWW—The student will be able to:

- 55.01 Identify and describe Web terminology.
 - 55.02 Describe the history of the Internet and Intranet.
 - 55.04 Describe the difference between a client and a server.
 - 55.05 Describe the difference between the Internet, Intranet, and WWW.
 - 55.06 Describe the different methods by which information may be accessed on the Internet/Intranet (e.g., browser, FTP, gopher, telnet, veronica).
 - 55.07 List the available resources and services on the Internet (e.g., electronic commerce, personal, government, business, etiquette, education, distance learning).
 - 55.08 Locate information on the Internet/Intranet using a Web browser.
 - 55.09 Copy information from the Internet/Intranet, save, and print using a Web browser.
 - 55.10 Demonstrate proficiency in using the basic features of GUI browsers (e.g., setting bookmarks, basic configurations, e-mail configurations, address book).
 - 55.11 Define Universal Resource Locators (URLs) and associated protocols (e.g., .com, .org, .edu, .gov, .net, .mil).
 - 55.12 Identify and use search engines to locate information.
 - 55.13 Describe the various ways of communicating on the Internet/Intranet (e.g., e-mail, forums, IRC, CHAT, Listserv, Usenet, MOOs, etc.).
 - 55.14 Describe and observe Internet/Intranet ethics and copyright laws.
- 55.18 Identify methods to protect personal copyright.

56.0 DEMONSTRATE PROFICIENCY USING HTML COMMANDS—The student will be able to:

- 56.01 Identify elements of a Web page.
- 56.02 Describe individual Web page layouts and content (e.g., writing for the Web, Web structure).
- 56.03 Define basic HTML terminology.
- 56.04 Analyze HTML source code developed by others.
- 56.05 Create a Web page using basic HTML tags (e.g., links, lists, character styles, text alignment, tables).
- 56.06 Use storyboarding techniques for subsequent Web pages (e.g., linear, hierarchical).
- 56.07 Add graphics to Web pages.
- 56.08 Edit and test HTML documents for accuracy and validity.
- 56.09 Use basic functions of HTML editors and converters.
- 56.20 Use basic functions of WYSIWYG editors.

57.0 DEMONSTRATE PROFICIENCY IN PAGE DESIGN APPLICABLE TO THE WWW—The student will be able to:

- 57.01 Develop an awareness of acceptable Web page design, including index pages in relation to the rest of the Web site.
- 57.02 Describe and apply color theory as it applies to Web page design (e.g., background and text color).
- 57.03 Identify and convert graphic formats.
- 57.04 Access and digitize graphics through various resources (e.g., scanner, digital cameras, on-line graphics, clipart, CD ROMS).
- 57.05 Use image design software to create and edit images.

58.0 DEVELOP AN AWARENESS OF INTERNET/INTRANET TOOLS-The student will be able to:

- 58.01 Describe the various hardware components used on the Internet/Intranet.
- 58.07 Demonstrate the use of compression programs

