

**SAN DIEGO COMMUNITY COLLEGE DISTRICT
CITY, MESA, AND MIRAMAR COLLEGES
ASSOCIATE DEGREE COURSE OUTLINE**

SECTION I**SUBJECT AREA AND COURSE NUMBER:** Computer Business Technology 162**COURSE TITLE:** Web Page Creation**Units: 2**
Grade Only**CATALOG COURSE DESCRIPTION:**

This course provides a hands-on approach to planning, designing, and creating Web pages for an Intranet or World Wide Web site. Students learn to use HTML, wizards and templates to create Web pages with hypertext links and video, graphics, and audio enhancements. This course, or sections of this course, may be offered through distance education.

REQUISITES:**Advisory:**

ENGL 049 with a grade of "C" or better, or equivalent or Assessment Skill Level W5
&
ENGL 048 with a grade of "C" or better, or equivalent or Assessment Skill Level R5
&
CBTE 111 with a grade of "C" or better, or equivalent
&
CBTE 161 with a grade of "C" or better, or equivalent

FIELD TRIP REQUIREMENTS: May be required**TRANSFER APPLICABILITY:** Associate Degree Credit & transfer to CSU and/or private colleges and universities**TOTAL LECTURE HOURS:** 24 - 27**TOTAL LAB HOURS:** 24 - 27**STUDENT LEARNING OBJECTIVES:**

Upon successful completion of the course the student will be able to:

1. Plan an intranet or a World Wide Web site.
2. Design and create Web pages that include hypertext links.
3. Critique and edit Web pages.
4. Add enhancements such as video, graphics, and audio.
5. Use HTML, wizards, and templates to create Web pages.
6. Use frames to organize information on a Web page.
7. Automate tasks.

SECTION II**1. COURSE OUTLINE AND SCOPE:**

A. Outline Of Topics:

The following topics are included in the framework of the course but are not intended as limits on content. The order of presentation and relative emphasis will vary with each instructor.

- I. Distance learning students will complete the same course content.
- II. The following topics may be included in the framework of the course but are not intended as limits on content. The order of presentation and relative emphasis may vary with each instructor.
 - A. Planning A Web Site
 1. Understanding the concept of the World Wide Web
 2. Determining the Purpose of a Web Site
 - a. Personal Web Sites
 - b. Professional Web Sites
 - B. Determining the Audience
 - C. Designing the basic Web Site structure
 - D. Criteria for Good Web Site
 - E. Evaluating Web Sites
 - F. Creating a Web Site
 1. Naming a Web Site
 2. Opening a Web Page
 3. Changing the Title of a Web Page
 4. Designing a Home Page
 - a. Adding a header
 - b. Adding text
 - c. Adding a footer
 5. Inserting Files onto a Web Page
 6. Saving the Web Pages to the Web Site
 7. Adding additional pages
 8. Creating a Web page from a template
 9. Importing a Web page into the Web Site
 10. Deleting a Web Page
 11. Creating a Marquee
 12. Connecting Web Pages
 - a. Connecting Web Pages through Text Hyperlinks
 - b. Adding a text hyperlink to an open Web page
 - c. Adding a text hyperlink to a closed Web page
 13. Editing Hyperlinks
 14. Viewing Hyperlinks
 15. Creating Hyperlinks Using a Bookmark
 16. Creating a Hyperlink to Receive Electronic Mail
 17. Removing a Hyperlink
 18. Creating a Hyperlink by Dragging and Dropping
 - G. Enhancing Web Pages
 1. Critiqueing Web Pages
 2. Formatting Web Pages
 - a. Changing the Look of a Web Page
 - i. Formatting Text
 - ii. Undoing and Redoing Changes
 - iii. Changing the Heading Color and Font
 - iv. Inserting Symbols
 - v. Changing the Page Layout
 - b. Editing Text on a Page
 - i. Checking spelling
 - ii. Using Search and Replace
 - c. Arranging Information on a Page
 - i. Creating Visual Separators
 - ii. Creating Lists
 - iii. Creating Tables
 - d. Adding Multimedia to Web Pages
 - i. Planning the Images to Use

- ii. Inserting Graphics
 - iii. Adding a Background Color
 - iv. Adding a Background Image
 - v. Adding Animated GIFs
 - vi. Creating Graphical Links
 - e. Creating an Image Map
 - i. Defining a Hot Spot
 - ii. Creating a Hot Spot on an Image Map
 - f. Adding Sounds
 - g. Adding a Movie
- H. Using Automation Tools to Generate Web Sites and Web Pages
 - 1. Creating Forms
 - a. Adding Text to a Template
 - b. Adding Interactive Fields
 - c. Adding Radio Buttons
 - d. Adding One-Line Text Boxes
 - e. Adding Drop-Down Lists
 - f. Adding Check Boxes
 - g. Creating Scrolling Text Boxes
 - h. Adding Push Buttons
 - 2. Saving the Information Gathered
 - 3. Saving the Template as a Form
 - 4. Using Custom Scripts to Create Special Effects
 - 5. Automating Design Tasks
 - i. Organizing Information Using Frames
 - ii. Using Page Wizards
 - iii. Using WebBots to Simplify Tasks
 - iv. Applying Style Sheets for Consistency
- I. Intranets
 - 1. Understanding Intranets
 - 2. Defining the Content
 - 3. Using Wizards to Automate Intranet Creation
 - 4. Customizing the Intranet

B. Writing Assignments:

Writing assignments are required and may include, but are not limited to, the following:

- I. Writing assignments are required. Distance learning students will electronically submit their writing assignments. Writing assignments may include but are not limited to the following:
- II. 1. Writing a Web page plan that states the purpose for the Web page, and describes the content and how the reader will move through the page and follow any links.
- III. 2. Writing evaluations of Web page design and performance.

C. Reading Assignments:

Reading assignments are required and may include but, are not limited to, the following:

- I. Reading assignments are required. Distance learning students will access the readings via the Internet. The reading assignments may include but are not limited to the following:
- II. 1. Read articles in computer periodicals such as PC World, Internet Magazine, and PCComputing and pages on the Internet.
- III. 2. Information from articles distributed by the instructor, such as:
- IV. Mendelson, Edward. "Web Authoring Tools," PC Magazine, January 20, 1998, pp. 152-187.
- V. Rosen, Michele. "Internet Security Standards," PC Magazine, January 20, 1998, pp. 241-242.
- VI. Silverman, Paul. "Breathe Life into Your Web Site," Windows Magazine, August 1997, pp. 233-235.

D. Appropriate Assignments that Demonstrate Critical Thinking:

Critical thinking assignments are required and may include, but are not limited to, the following:

- I. Distance learning students will submit their assignments electronically. Critical thinking assignments

may include but are not limited to the following:

- II. 1. Evaluating and critiquing Web pages.
- III. 2. Selecting appropriate hyperlinks when creating Web pages.
- IV. 3. Application of appropriate automation tools to generate Web pages.
- V. 4. Evaluating the effectiveness of multimedia enhancements to Web pages.
- VI. 5. Planning, designing, and creating Web sites.

E. Appropriate Outside Assignments:

Outside assignments may include, but are not limited to, the following:

I. Distance learning students will electronically submit a report of their outside assignments. Outside assignments may include but are not limited to the following:

- II. 1. Researching Web sites to gather information on page design and layout.
- III. 2. Viewing the structure and testing the text and graphic links of sites on the World Wide Web.
- IV. 3. Developing a portfolio of documents extracted from favorites sites on the World Wide Web.
- V. 4. Creating personal Web pages.

2. METHODS OF EVALUATION:

A student's grade will be based on multiple measures of performance unless the course requires no grade. Multiple measures may include, but are not limited to, the following:

I. A student's grade will be based on multiple measures of performance and will reflect the objectives set forth above. A final grade of "C" or better indicates the student has the ability to successfully apply the theory and techniques taught in this course in subsequent courses. Distance learning students will submit their evaluations electronically and receive electronic feedback. Evaluation methods may include but are not limited to the following:

II. Students will plan, design, and create a minimum of 3 Web sites from the following list consisting of 3-5 pages each which contain text and graphics links and enhancements such as video and sounds:

- III. A. Personal Web Site
- IV. B. Small Business Web Site
- V. C. Public Service Web Site
- VI. D. Education Web Site
- VII. E. Internet Commerce Web Site
- VIII. F. Entertainment Web Site

IX. The students' Web sites will be evaluated by the instructor and by teams of classmates, who will look for the following:

- X. A. Application of planning and design principles for creating Web sites and pages
- XI. B. Application of enhancements such as video, graphics, and sound.
- XII. C. Demonstration of ability to organize information on pages using frames.
- XIII. D. Demonstration of ability to use wizards and templates and to automate tasks.
- XIV. E. Application of testing procedures to ensure correct links and site functionality.

3. METHODS OF INSTRUCTION:

Methods of instruction may include, but are not limited to, the following:

- * Distance Education
- * The appropriate methods of instruction will be determined by each instructor and may include but are not limited to those listed. Distance learning students will attend regular electronic conferences; or where feasible, attend scheduled on-site conferences. Communication between distance learning students and instructor will take place at least once per completion of each course study unit.
- * A. Computer-assisted instruction
- * B. Electronic lectures in which students are taught in front of the computer
- * C. Audio-visual aids
- * D. Textbook
- * E. Handouts

4. REQUIRED TEXTS AND SUPPLIES:

Textbooks may include, but are not limited to:

TEXTBOOKS:

1. COURSE. MICROSOFT FRONTPAGE 98:COMP CONCEPTS & TECH, 1 ed. SHELLY, ISBN: 078954640X
2. MICROSOFT. WEB PUBLISHING STEP BY STEP LEARNING KIT, 1 ed. MICRO, ISBN: 0735606986

MANUALS:

PERIODICALS:

SOFTWARE:

SUPPLIES:

- 1.

ORIGINATOR: Curricunet Version 2

CO-CONTRIBUTOR(S)

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