

PALOMAR COLLEGE
COURSE OUTLINE OF RECORD FOR
DEGREE CREDIT COURSE

 x Transfer Course x A.A. Degree applicable course
(check all that apply)

COURSE NUMBER AND TITLE: CSIS 137/R CSIS 137 – Web Site Development with HTML

UNIT VALUE: 2

MINIMUM NUMBER OF SEMESTER HOURS: 64

BASIC SKILLS REQUIREMENTS: Appropriate language and computational skills.

ENTRANCE REQUIREMENTS

PREREQUISITE: None

COREQUISITE: None

RECOMMENDED PREPARATION: None

SCOPE OF COURSE:

This course provides a foundation to Internet/Intranet technologies. This course primarily teaches the skills required to develop and publish Web sites utilizing HTML, including using HTML tables, Frames, Web Page Forms, and basic CSS (Cascading Style Sheets).

SPECIFIC COURSE OBJECTIVES: The successful student will be able to:

1. Plan and develop HTML documents to build a Web site.
2. Employ hot links and GIF/JPEG images to enhance the usability and appeal of HTML documents.
3. Build HTML tables in a Web page.
4. Construct a browser window with several Web pages using Frames.
5. Develop Web page Forms.
6. Manage the visual presentation of a Web page using CSS (Cascading Style Sheets).

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Identify the features of the Internet and the World Wide Web
 - A. Explain the Internet addressing scheme
 - B. Demonstrate the usage of a web browser
 - C. Access web pages, download/save files, and search for information on the Internet
 - D. Effectively use ftp and e-mail

- II. Creating an HTML Document
 - A. Creating Headings, Paragraphs and Lists
 - B. Creating Character Tags
 - C. Inserting Horizontal Lines
 - D. Inserting a Graphic
 - E. Adding Hypertext Links to a Web Page
 - F. Creating Anchors

- III. Page Presentation
 - A. Specifying a Color Scheme for your Page
 - B. Modifying Text with the tag
 - C. Inserting a Background Image
 - D. Understanding Image Formats
 - E. Working with GIF Files
 - F. Working with JPEG Files
 - G. Controlling Image Placement and Size

- IV. Introducing Image Maps
 - A. Defining Image Map Hotspots
 - B. Using an Image Map
 - C. Using the BORDER Property

- V. Designing a Web Page with Tables
 - A. Creating a Text Table
 - B. Defining a Table Structure
 - C. Modifying the Appearance of a Table
 - D. Controlling Table and Text Alignment
 - E. Working with Table and Cell Size
 - F. Modifying the Table Background
 - G. Spanning Rows and Columns
 - H. Creating a Page Layout with Tables

- VI. Using Frames in a Web Page
 - A. Creating a Frame Layout
 - B. Controlling the Appearance of Frames
 - C. Working with Frames and Hypertext Links
 - D. Using the <NOFRAMES> Tag

- VII. Creating Web Page Forms
 - A. Using the <FORM> tag
 - B. Working with Input Boxes
 - C. Creating Selection Lists
 - D. Working with Buttons

- E. Using Hidden fields
- VIII. Cascading Style Sheets
- A. Using Inline Styles
 - B. Creating Embedded Styles
 - C. Using an External Style Sheet
 - D. Working with Style Inheritance

REQUIRED READING:

Carey , Joan, et al. *New Perspectives on Creating Web Pages with HTML Third Edition – Comprehensive*, Cambridge, MA: Course Technology, 2002

SUGGESTED READING: None

REQUIRED WRITING:

Students shall write web page projects that are created using an HTML editor that will exercise the topics covered from basic HTML through and including using Frames, Web Page Forms, and CSS.

OUTSIDE ASSIGNMENTS:

Students are expected to spend a minimum of three hours per unit per week in class and on outside assignments, prorated for short-term classes.

Outside assignments will include completion of lab work, assigned readings from the text books, and homework problems.

INSTRUCTIONAL METHODOLOGY:

Check all that apply:

- lecture
- laboratory
- lecture-laboratory combination
- directed study

DISTANCE LEARNING:

This course may be offered as a distance learning course and meets Title 5 regulations 55370, 55372, 55374, 55376, 55378, and 55380.

Yes No

If yes, check all that apply:

- Television Course (Video one-way, e.g. ITV, video cassette, etc.)
- Online Course (Text one-way, e.g. newspaper, correspondence, electronic file, etc.)
- Two-Way Video Conferencing (Two-way interactive video and audio)
- One-Way Video Conferencing (One-way interactive video and two-way interactive audio)
- Computer Assisted Instruction (A specialized form of mediated instruction relying primarily on student access to information and prepared lessons or teaching materials)

through a computer terminal, but not under immediate supervision of a qualified instructor.)

GRADING POLICY AND STANDARDS (include methods of determining whether the stated objectives have been met by students):

70-100% Web page creation assignments

0-30% Examinations

IS COURSE REPEATABLE FOR REASON(S) OTHER THAN DEFICIENT GRADE?

Yes ____ No x Number of times course may be taken for credit: ____

If yes, identify specific provision of Title 5 Division 2 section(s), 55761-55763 and 58161 which qualifies course as repeatable:

CONTACT PERSON: Steve Perry x2990

SIGNATURES ON FILE:
