

Course Outline

COURSE: DM 7 **DIVISION:** 50 **ALSO LISTED AS:** CSIS 7
TERM EFFECTIVE: Spring 2018 **CURRICULUM APPROVAL DATE:** 10/23/2017

SHORT TITLE: WEB PAGE AUTHOR II

LONG TITLE: Web Page Authoring II

Units	Number of Weeks		Contact Hours/Week		Total Contact Hours
2	18	Lecture:	2	Lecture:	36
		Lab:	0	Lab:	0
		Other:	0	Other:	0
		Total:	2	Total:	36

COURSE DESCRIPTION:

This course is a continuation of CSIS 6, Web Page Authoring I. Topics that will be covered include XHTML, frames, advanced tables, forms, scripting languages, image maps, Cascading Style Sheets (CSS), and new trends in web page technology. This course has the option of a letter grade or pass/no pass. This course is also listed as CSIS 7. **ADVISORY:** CSIS 6

PREREQUISITES:

COREQUISITES:

CREDIT STATUS: D - Credit - Degree Applicable

GRADING MODES

- L - Standard Letter Grade
- P - Pass/No Pass

REPEATABILITY: N - Course may not be repeated

SCHEDULE TYPES:

- 02 - Lecture and/or discussion
- 05 - Hybrid
- 72 - Dist. Ed Internet Delayed

STUDENT LEARNING OUTCOMES:

1. Create web pages using tables, forms, and image maps.
- Measure of assessment: Homework, Lab exercises, Web page projects, and demo pages.

Year assessed, or planned year of assessment: 2018

Semester: Summer

2. Create web pages with cascading style sheets.

Measure of assessment: Homework, Lab exercises.

Year assessed, or planned year of assessment: 2018

Semester: Summer

3. Design personal web pages and web page projects.

Measure of assessment: Projects, homework, exams, quizzes.

Year assessed, or planned year of assessment: 2018

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS

Curriculum Approval Date: 10/23/2017

6 Hours

Lecture Content: Review of basic HTML tags. Advanced and new features of standard tags. Review of tables and using tables for design. Comparison of XHTML and HTML.

Student Performance Objectives: Utilize the standard tags covered in first course. Demonstrate the use of new and advanced attributes of regular tags. Demonstrate the use of tables for layout of web pages.

6 Hours

Lecture Content: Frames use, problems, and accessibility issues. Types of frames, options for frames. Using frames for good and bad designs. Dealing with old browsers or the NOFRAMES options. Frame orientation, margins, resizing, scroll bars. Using frames for hypertext links.

Student Performance Objectives: Utilize frames to design web pages. Utilize frames to break up long document into sub-pages. Utilize frame options: margins, resize, and scroll bars.

6 Hours

Lecture Content: Colors and images. Options for control and placement of images and colors. Using image maps. Defining image map hot spots.

Student Performance Objectives: Explain and demonstrate how to use colors and images in designing web pages. Describe and demonstrate how to use image maps for links.

6 Hours

Lecture Content: Using forms for collecting data. Input boxes, select lists, radio buttons, check boxes. Form buttons, hidden fields, form processing. Form properties, creating buttons, and using images.

Student Performance objectives: Create forms using several types of elements. Demonstrate how to preset form options. Collect form data using mailto or a simple script.

6 Hours

Lecture Content: Cascading style sheets. Compatibility problems with new and old browsers. Inline styles, embedded styles, and external style sheets. Style inheritance. Controlling fonts, colors, lists and links.

Student Performance Objectives: Create web pages using inline, embedded and external styles. Describe the effect of inheritance with different level of style controls. Utilize DIV and SPAN commands to control styles. Perform validation of HTML and CSS.

4 Hours

Lecture Content: Introduction to JavaScript. Using JavaScript to do initial form processing and error checking. Using JavaScript variables, decision statements, and loops. Using JavaScript to manage events.

Student Performance Objectives: Utilize JavaScript to process form data. Utilize JavaScript variables, decisions, and loops. Demonstrate how to use JavaScript to manage events.

2 Hours

METHODS OF INSTRUCTION:

Lecture, computer demonstrations, web page examples, and web searches.

OUT OF CLASS ASSIGNMENTS:

Required Outside Hours: 12

Assignment Description: Read the chapters for the lecture material. Homework/Projects: Do some basic web pages using reviewed tags. Use tables for layout and designing web pages.

Required Outside Hours: 12

Assignment Description: Read the chapters for the lecture material. Homework/Projects: Set up pages using frames with different orientations. Use the frame options for margins, resizing, and scroll bar control. Use frames to set up page with hyperlinks to other pages. Do web page project illustrating material covered.

Required Outside Hours: 12

Assignment Description: Read the chapters for the lecture material. Homework/Projects: Look at image map use on web sites. Find sources of image maps on the web. Set up web pages with image maps.

Required Outside Hours: 12

Assignment Description: Read the chapters for the lecture material. Homework/Projects: Set up some forms with text areas, select lists, radio buttons, and check boxes. Preset some of the form options. Use mailto to obtain form input. Use hidden forms, non-standard buttons, and images. Do web page project illustrating material covered.

Required Outside Hours: 12

Assignment Description: Read the chapters for the lecture material. Homework/Projects: Set up some web pages with inline styles. Set up some web pages using embedded styles. Move your style sheets to an external file and still use some embedded styles. Use styles to modify lists and use DIV and SPAN commands.

Required Outside Hours: 8

Assignment Description: Read the chapters for the lecture material. Homework/Projects: Create web pages that use JavaScript to check for form input errors. Create web pages that do calculations using user input. Create a web page that uses JavaScript to manage events.

METHODS OF EVALUATION:

Problem-solving assignments

Percent of total grade: 40.00 %

Problem-solving demonstrations: 20% - 50% Homework problems, Quizzes, Exams

Skill demonstrations

Percent of total grade: 50.00 %

Skill demonstrations: 40% - 60% Demonstration, Performance exams

Objective examinations

Percent of total grade: 10.00 %

Objective examinations: 0% - 20% Multiple Choice, True/False, Matching Items, Completion

REPRESENTATIVE TEXTBOOKS:

Required Representative Textbooks

Gary B. Shelly and Denise M. Woods. HTML, XHTML, and CSS: Complete (Sixth Edition). Boston, MA: Cengage Learning, 2011.

This is the most current edition of this textbook. When a newer edition is published it will be adopted.

ARTICULATION and CERTIFICATE INFORMATION

Associate Degree:

CSU GE:

IGETC:

CSU TRANSFER:

Transferable CSU, effective 200570

UC TRANSFER:

Not Transferable

SUPPLEMENTAL DATA:

Basic Skills: N

Classification: Y

Noncredit Category: Y

Cooperative Education:

Program Status: 1 Program Applicable

Special Class Status: N

CAN:

CAN Sequence:

CSU Crosswalk Course Department: DM

CSU Crosswalk Course Number: 7

Prior to College Level: Y

Non Credit Enhanced Funding: N

Funding Agency Code: Y

In-Service: N

Occupational Course: D

Maximum Hours:

Minimum Hours:

Course Control Number: CCC000117300

Sports/Physical Education Course: N

Taxonomy of Program: 061430