

CATALOG INFORMATION

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Dept & Nbr: CSC 130 Title: WEB PAGE DESIGN & DEV  
Full Title: Web Page Design and Development

Units	Course Hours	Per Week	Nbr of Weeks	Course Hours	Total
Max: 3.0	Lecture	2.5	17	Lecture	42.5
Min: 3.0	Lab	1.5		Lab	25.5
	Contact DHR	0.0		Contact DHR	0.0
	Contact Total	4.0		Contact Total	68.0
	Non-contact DHR	0.0		Non-contact DHR	0.0

Title 5 Category: 01 AA Degree Applic  
Grading: GC Credit course for grade or CR/NC  
Repeatability: 02 3 ENROLLMENTS  
Also listed as:

CATALOG DESCRIPTION:

Beginning and intermediate topics in Internet web page construction. Course includes the basics of creating web pages using XHTML, including page and text formatting topics such as lists, tables, frames and graphics. Advanced web page construction topics are introduced, such as web page construction tools, interactive web pages, and graphics production. Students will create and publish a number of web pages.

RECOMMENDED PREPARATION:

CSC 201

LIMITS ON ENROLLMENT:

SCHEDULE OF CLASSES INFORMATION:

Recommended: CSC 201

Learn the basics of Internet web page construction and more! Course includes the basics of creating web pages using XHTML, including page and text formatting topics such as lists, tables, frames, and graphics. Advanced web page construction topics are introduced, such as web page construction tools, interactive web pages, and graphics production. Students will create and publish a number of web pages. (Grade or CR/NC) (Repeat Code 2)

Transfer Credit: CSU.

ARTICULATION and CERTIFICATE INFORMATION

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ASSOCIATE DEGREE: Effective: FALL 2007 Inactive:  
Area: D2 COMMUNICATIONS & ANALYTICAL THINKING

CSU GE: Effective: Inactive:  
Transfer area:

IGETC: Effective: Inactive:  
Transfer area:

CSU TRANSFER: TRANSFERABLE Effective: FALL 1981 Inactive:

UC TRANSFER:

Effective:

Inactive:

CAN:

CERTIFICATE APPLICABLE: N NOT CERTIFICATE/MAJOR APPLICABLE

APPROVAL AND DATES

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Version 04 Submitted by: TONIA WIDLER Date: 03/07/2007  
Department approved: Debra Polak Date: 03/07/2007  
Curriculum approved: 06/01/1981 Version approved: 02/23/2007  
Prerequisites approved: 06/01/1981 Last reviewed: 02/23/2007  
Term effective: FALL 2007 Last taught: FALL 2008 Inactive:

COURSE CONTENT

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OUTCOME AND OBJECTIVES:

1. Design, create, test and verify web pages using XHTML tags.
2. Demonstrate the ability to use the World Wide Web as a learning resource.
3. Demonstrate the ability to produce visually appealing web pages by applying visual design principles and including visual elements such as graphics.
4. Demonstrate the ability to apply a variety of formatting options in the creation of web pages, including the use of style sheets.
5. Demonstrate the ability to use a variety of web page elements, including lists, tables, frames, and links.
6. Demonstrate the ability to use some advanced tools and techniques in the creation of web pages, such as Dreamweaver, Photoshop, forms, and interactive web page technologies.

TOPICS AND SCOPE:

1. Basic through intermediate web page creating using XHTML.
2. Visual design, web page design, web site organization and maintenance.
3. Creation, modification, and use of graphics in web pages.
4. Publishing web pages on a web server and related skills such as file transfer.
5. Introduction to web page construction tools, such as Dreamweaver and Photoshop.
6. Introduction to the creation of advanced graphics, such as animations and image maps.
7. Introduction to interactive web page technologies such as forms, scripting language, and server-side APIs (Application Programming Interfaces).

ASSIGNMENTS:

READING ASSIGNMENTS:

Students are required to read and study the assigned materials. An example of appropriate reading is: Web Design and Development using XHTML by Griffin, Morales, Finnegan. Published by Franklin, Beedle, & Associates.

WRITING ASSIGNMENTS:

Students are required to submit several web page(s) and documentation materials as appropriate. Substantial writing is inappropriate because the course primarily involves the application of skills learned in the course.

OUTSIDE ASSIGNMENTS:

Students are expected to spend a minimum of two hours of independent work out of class for each unit of lecture credit by doing the

following:

1. Create web pages utilizing the techniques and concepts discussed in class.
2. State the logic used in XHTML code.
3. Analyze the processes involved in many of the topics covered.

METHOD OF INSTRUCTION:

Lectures, demonstrations, group activities, handouts, reading assignments, class discussion.

The content of this course may also be delivered using some form or forms of distance technology such as television, videotape, audiotape, or the internet. For telecourses, no less than 11 hours of personal contact between instructor and students shall be included through group or individual meetings, orientation and review sessions, supplemental seminars or study sessions, field trips, library workshops, or other in-person activities.

METHODS OF EVALUATION:

1. Skill demonstration will constitute at least 50% of the grade.
2. Quizzes, projects, online evaluations.
3. Comprehensive final exam or project.

BASIS FOR GRADING:

The assignment of a grade is based on the level of achievement of the outcomes and objectives of the course outline and is reflected in quantifiable terms in the course syllabus.

REPRESENTATIVE TEXTBOOKS:

Recommended Text:

Web Design and Development Using XHTML by Griffin, Morales, Finnegan. Published by Franklin, Beedle, & Associates.