

CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

NEW COURSE PROPOSAL

PROGRAM AREAS _____ MATH AND COMPUTER SCIENCE

1. Catalog Description of the Course. *[Include the course prefix, number, full title, and units. Provide a course narrative including prerequisites and corequisites. If any of the following apply, include in the description: Repeatability (May be repeated to a maximum of ___ units); time distribution (Lecture ___ hours, laboratory ___ hours); non-traditional grading system (Graded CR/NC, ABC/NC). Follow accepted catalog format.]*

COMP 102. WEB DEVELOPMENT (2)

Two hours of lecture in the lab per week.

Prerequisite: COMP 101 or consent of instructor.

Introduction to the design and development of web pages. Use of HTML and scripting languages. Use of multimedia content.

Current web development tools.

GenEd: B4

2. Mode of Instruction.

	Units	Hours per Unit	Benchmark Enrollment
Lecture	2	1	24
Seminar	_____	_____	_____
Laboratory	_____	_____	_____
Activity	_____	_____	_____

3. Justification and Learning Objectives for the Course. (Indicate whether required or elective, and whether it meets University Writing, and/or Language requirements) *[Use as much space as necessary]*

The course is a web development course for liberal studies and other students (required for teaching credentials).

Through this course, students will be able to

- Discuss the structure of the World Wide Web and associated protocols
- Discuss the roles of common components of a web page
- Design and create simple web pages including multimedia content
- Organize and express ideas clearly and convincingly in oral and written forms.

This course is not designed to satisfy the University Writing or Language requirements.

4. Is this a General Education Course **YES**

If Yes, indicate GE category:

A (English Language, Communication, Critical Thinking)	
B (Mathematics & Sciences)	B4
C (Fine Arts, Literature, Languages & Cultures)	
D (Social Perspectives)	
E (Human Psychological and Physiological Perspectives)	

5. Course Content in Outline Form. *[Be as brief as possible, but use as much space as necessary]*

The World Wide Web in perspective
Hypertext and File Transfer Protocols

Elements of a Web page
Design of a Web page
Tables, Frames and Forms
Multimedia elements
Javascript
Frontpage (or equivalent tool)

6. References. [Provide 3 - 5 references on which this course is based and/or support it.]

Carey and Carey, *New Perspectives on Creating Web pages with HTML*, Course Technology, 2nd edition (2000)
ISBN 0-619-01968-9

Gosselin , *Javascript comprehensive*, Course Technology (2000), ISBN 0-619-01555-1

7. List Faculty Qualified to Teach This Course.

All Computer Science faculty.

8. Frequency.

a. Projected semesters to be offered: Fall Spring Summer

9. New Resources Required.

a. Computer (data processing), audio visual, broadcasting needs, other equipment

Use of existing computer lab.

b. Library needs

none

c. Facility/space needs

none

10. Consultation.

Attach consultation sheet from all program areas, Library, and others (if necessary)

11. If this new course will alter any degree, credential, certificate, or minor in your program, attach a program modification.

Proposer of Course

Date