

CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

COURSE MODIFICATION PROPOSAL

PROGRAM AREA COMPUTER SCIENCE

1. Catalog Description of the Course. *[Follow accepted catalog format.]*
(If Cross-listed please submit a form for each prefix being modified)

OLD					NEW								
Prefix	COMP	Course#	102	Title	Web Development	Units	Prefix	COMP	Course#	102	Title	Web Development	Units
			(2)							(3)			
			2 hours			per week				3 hours			per week
<input checked="" type="checkbox"/>			Prerequisites	COMP 101	or consent of instructor		<input checked="" type="checkbox"/>			Prerequisites	COMP 101	or consent of instructor	
<input type="checkbox"/>			Corequisites				<input type="checkbox"/>			Corequisites			
Description					Description								
Introduction to the design and development of web pages. Use of HTML and scripting languages. Use of multimedia content. Current web development tools.					Introduction to the design and development of web pages. Use of HTML and scripting languages. Use of multimedia content. Current web development tools. Including web site database applications.								
<input checked="" type="checkbox"/>			Gen Ed				<input checked="" type="checkbox"/>			Gen Ed			
			Categories	B4						Categories	B4		
<input type="checkbox"/>			Lab Fee	Required			<input type="checkbox"/>			Lab Fee	Required		
			Graded							Graded			
			<input type="checkbox"/>	CR/NC			<input type="checkbox"/>			CR/NC			
			<input type="checkbox"/>	Repeatable for	up to	units	<input type="checkbox"/>			Repeatable for	up to	units	
			<input type="checkbox"/>	A - Z			<input type="checkbox"/>			A - Z			

2. Mode of instruction

<u>Existing</u>					<u>Proposed</u>				
	Units	Hour Per Unit	Benchmark Enrollment	CS# Units (filled out by Dean)		Units	Hour Per Unit	Benchmark Enrollment	CS# Units (filled out by Dean)
Lecture	<u>2</u>	<u>1</u>	<u>24</u>	_____	Lecture	<u>3</u>	<u>1</u>	<u>24</u>	_____
Seminar	_____	_____	_____	_____	Seminar	_____	_____	_____	_____
Laboratory	_____	_____	_____	_____	Laboratory	_____	_____	_____	_____
Activity	_____	_____	_____	_____	Activity	_____	_____	_____	_____

3. Course Content in Outline Form if Being Changed. *[Be as brief as possible, but use as much space as necessary]*

OLD	NEW
The World Wide Web in perspective	The World Wide Web in perspective
Hypertext and File Transfer Protocols	Hypertext and File Transfer Protocols
Elements of a Web page	Elements of a Web page
Design of a Web page	Design of a Web page
Tables, Frames and Forms	Tables, Frames and Forms
Multimedia elements	Multimedia elements
Javascript	Javascript
Frontpage (or equivalent tool)	Frontpage (or equivalent tool)
	Database applications
	Database servers

4. 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]*

OLD	NEW
The course is a web development course for liberal studies and other students (required for teaching credentials).	The course is a web development course for liberal studies and other students (required for teaching credentials). It can also be used to fulfill a computer course requirement for Mathematics majors.

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

OLD	NEW

New: Carey, New Perspectives
Gosselin , Javascript comprehensive

6. Indicate Changes and Justification for Each. *[Check all that apply and follow with justification. Be as brief as possible but, use as much space as necessary.]*

- Course title
- Prefix/suffix
- Course number
- Units
- Staffing formula and enrollment limits
- Prerequisites/corequisites
- Catalog description
- Course content
- References
- GE
- Other

Justification This course covers all of the web technology that a student should have to support the development of their education at CSUCI. However, currently the course is crammed into a once a week meeting. The course needs to be a 3 unit course, typically meeting twice a week. The course should cover an introduction to databases used on web sites, a topic that cannot be covered under the current 2-unit configuration. Additionally, a change in the requirements for the mathematics major has allowed math students to take comp 102 as a computer requirement. Therefore the course would better serve the CSUCI student body as a 3 unit course that meets twice a week. Furthermore, the Mathematics Program Chair agrees with this modification..

7. If this modification results in a GE-related change indicate GE category affected and Attach a GE Criteria Form:

A (English Language, Communication, Critical Thinking)

- A-1 Oral Communication
- A-2 English Writing
- A-3 Critical Thinking

B (Mathematics, Sciences & Technology)

- B-1 Physical Sciences
- B-2 Life Sciences – Biology
- B-3 Mathematics – Mathematics and Applications
- B-4 Computers and Information Technology

C (Fine Arts, Literature, Languages & Cultures)

- C-1 Art
- C-2 Literature Courses
- C-3a Language
- C-3b Multicultural

D (Social Perspectives)

- E (Human Psychological and Physiological Perspectives)

- UD Interdisciplinary

8. New Resources Required. YES NO

If YES, list the resources needed and obtain signatures from the appropriate programs/units on the consultation sheet below.

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

b. Library needs

c. Facility/space needs

9. Will this course modification alter any degree, credential, certificate, or minor in your program? YES NO
If, YES attach a program modification form for all programs affected.

William J. Wolfe

Proposer of Course Modification

9/17/2004

Date

Approvals

Program Chair Date

Curriculum Committee Chair Date

Dean Date

**California State University Channel Islands
Course Modification Consultation Sheet**

1. Course Title: _____

2. Program Area: _____

Recommend Approval

Program Area/Unit	Program/Unit Chair	YES	NO (attach objections)	Date
Art				
Biology				
Business & Economics				
Education				
English				
History				
Liberal Studies				
Mathematics & CS				
Multiple Programs				
Psychology				
Library				
Information Technology				