

CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

COURSE MODIFICATION PROPOSAL

Courses must be submitted by October 15, 2011, and finalized by the end of the fall semester to make the next catalog (2012-13) production

DATE (CHANGE DATE EACH TIME REVISED): 9/14/11

PROGRAM AREA(S): COMPUTER SCIENCE

Directions: All of sections of this form must be completed for course modifications. Use **YELLOWED** areas to enter data. All documents are stand alone sources of course information.

1. Indicate Changes and Justification for Each. [Mark all change areas that apply and follow with justification. Be as brief as possible but, use as much space as necessary.]

- | | |
|---|---|
| ☐ Course title | ☐ Course Content |
| ☐ Prefix/suffix | ☐ Course Learning Outcomes |
| ☐ Course number | ☐ References |
| ☐ Units | ☐ GE |
| ☐ Staffing formula and enrollment limits | ☐ Other ☐ |
| ☒ Prerequisites/Corequisites | ☐ Reactivate Course |
| ☐ Catalog description | |
| ☐ Mode of Instruction | |

Justification: The course contains material appropriate for both the BSCS and BSIT degrees. The prerequisite change reflects modifications in other courses

2. Course Information.

[Follow accepted catalog format.] (Add additional prefixes i f cross-listed)

OLD

Prefix IT Course# 400
Title eCommerce Units (3)
3 hours lecture per week
☐ hours blank per week

X Prerequisites: IT280 and COMP 420
☐ Consent of Instructor Required for Enrollment
Corequisites: ☐

Catalog Description (Do not use any symbols):
Fundamentals of database driven web sites. Online accounts, cookies, shopping carts, data collection and storage, and data security. Covers user interface design, navigation and site search strategies and database support.

General Education Categories: ☐

Grading Scheme (Select one below):

X A – F

☐ Credit/No Credit

☐ Optional (Student's Choice)

Repeatable for up to ☐ units

Total Completions ☐

Multiple Enrollment in Same Semester Y/N ☐

Course Level:

X Undergraduate

☐ Post-Baccalaureate

☐ Graduate

NEW

Prefix IT Course# 400
Title eCommerce Units (3)
3 hours lecture per week
☐ hours blank per week

X Prerequisites: IT 380 and COMP/IT 420
☐ Consent of Instructor Required for Enrollment
Corequisites: ☐

Catalog Description (Do not use any symbols):
Fundamentals of database driven web sites. Online accounts, cookies, shopping carts, data collection and storage, and data security. Covers user interface design, navigation and site search strategies and database support.

General Education Categories: ☐

Grading Scheme (Select one below):

X A – F

☐ Credit/No Credit

☐ Optional (Student's Choice)

Repeatable for up to ☐ units

Total Completions ☐

Multiple Enrollment in Same Semester Y/N ☐

Course Level:

X Undergraduate

☐ Post-Baccalaureate

☐ Graduate

3. Mode of Instruction (Hours per Unit are defaulted)

Hegis Code(s) _____
(Provided by the Dean)

Existing

Proposed

	Units	Hours Per Unit	Benchmark Enrollment	Graded		Units	Hours Per Unit	Benchmark Enrollment	Graded	CS No. (filled out by Dean)
Lecture	<u>3</u>	<u>1</u>	<u>24</u>	y	Lecture	<u>3</u>	<u>1</u>	<u>24</u>	y	
Seminar		<u>1</u>			Seminar		<u>1</u>			
Lab		<u>3</u>			Lab		<u>3</u>			
Activity		<u>2</u>			Activity		<u>2</u>			
Field Studies					Field Studies					
Indep Study					Indep Study					
Other blank					Other blank					
Online					Online					

4. Course Attributes:

General Education Categories: All courses with GE category notations (including deletions) must be submitted to the GE website: <http://summit.csuci.edu/geapproval>. Upon completion, the GE Committee will forward your documents to the Curriculum Committee for further processing.

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)

UDIGE/INTD Interdisciplinary

Meets University Writing Requirement

Meets University Language Requirement

American Institutions, Title V Section 40404: Government US Constitution US History

Refer to website, Exec Order 405, for more information: <http://senate.csuci.edu/comm/curriculum/resources.htm>

Service Learning Course (Approval from the Center for Community Engagement must be received before you can request this course attribute).

5. Justification and Requirements for the Course. [Make a brief statement to justify the need for the course]

OLD

This course is an elective for the BSIT

- Requirement for the Major/Minor
- X Elective for the Major/Minor
- Free Elective

NEW

This course is an elective for the BSCS and the BSIT

- Requirement for the Major/Minor
- X Elective for the Major/Minor
- Free Elective

Submit Program Modification if this course changes your program.

6. Student Learning Outcomes. (List in numerical order. You may wish to visit resource information at the following website: <http://senate.csuci.edu/comm/curriculum/resources.htm>)

Upon completion of the course, the student will be able to:

OLD

1. Demonstrate an understanding of Client-Server processes.
2. Select and justify an appropriate application architecture for a web application
3. Identify the components of an e-commerce system.
4. Evaluate systematically user requirements.
5. Model the data and functionality of an e-commerce system.
- 6 Define an n-tier architecture as applied to e-commerce.

Upon completion of the course, the student will be able to:

NEW

1. Demonstrate an understanding of Client-Server processes.
2. Select and justify an appropriate application architecture for a web application
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- 6 Define an n-tier architecture as applied to e-commerce.

7. Course Content in Outline Form. (Be as brief as possible, but use as much space as necessary)

OLD

1. Encryption
2. Database security
3. Internet Protocols
4. Business models
5. User Interface Design.
6. Privacy Concerns.
7. Collecting Marketing Information.
8. Cookies.
9. Web Site Navigation.
10. Web Site Search.

NEW

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10. Web Site Search.

Does this course content overlap with a course offered in your academic program? Yes ☐ No ☒

If YES, what course(s) and provide a justification of the overlap. ☐

Does this course content overlap a course offered in another academic area? Yes ☐ No ☒

If YES, what course(s) and provide a justification of the overlap. ☐

Overlapping courses require Chairs' signatures.

8. Cross-listed Courses (Please note each prefix in item No. 1)

A. List cross-listed courses (Signature of Academic Chair(s) of the other academic area(s) is required).

B. List each cross-listed prefix for the course: COMP, IT

C. Program responsible for staffing: Computer Science

9. References. [Provide 3-5 references]

OLD 1. e-Business and e-Commerce How to Program Paul Deitel, Harvey M. Deitel, Paul J. Deitel, T.R. Nieto, Harvey M. Deitel

Prentice Hall 2000 013028419X

2. Internet and World Wide Web - How to program Deitel, Deitel and Nieto Prentice-Hall 2002 0130308978

3. E-Commerce : Business. Technology. Society., Case Book Update (2nd Edition) Kenneth C. Laudon, Carol Guercio Traver

Addison Wesley 20040321269373

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10. Tenure Track Faculty qualified to teach this course.

All Computer Science faculty

11. Requested Effective Date or First Semester offered: Fall 2012

12. New Resource Requested: Yes ☐ No ☒

If YES, list the resources needed.

A. Computer Needs (data processing, audio visual, broadcasting, other equipment, etc.)

☐

B. Library Needs (streaming media, video hosting, databases, exhibit space, etc.)

☐

C. Facility/Space/Transportation Needs:

☐

D. Lab Fee Requested: Yes ☐ No ☐ (Refer to the Dean's Office for additional processing)

E. Other.

☐

13. Will this course modification alter any degree, credential, certificate, or minor in your program? Yes X No ☐

If, YES attach a program update or program modification form for all programs affected.

Priority deadline for New Minors and Programs: October 1, 2011 of preceding year.

Priority deadline for Course Proposals and Modifications: October 15, 2011.

Last day to submit forms to be considered during the current academic year: April 15th.

Peter Smith

9/14/11

Proposer(s) of Course Modification

Date

Type in name. Signatures will be collected after Curriculum approval.

Approval Sheet

Course: IT400

If your course has a General Education Component or involves Center affiliation, the Center will also sign off during the approval process.

Multiple Chair fields are available for cross-listed courses.

Program Chair		
Signature		Date
Program Chair		
Signature		Date
Program Chair		
Signature		Date
General Education Chair		
Signature		Date
Center for Intl Affairs Director		
Signature		Date
Center for Integrative Studies Director		
Signature		Date
Center for Multicultural Engagement Director		
Signature		Date
Center for Civic Engagement and Service Learning Director		
Signature		Date
Curriculum Chair		
Signature		Date
AVP		
Signature		Date