

CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS
COURSE MODIFICATION PROPOSAL
Courses must be submitted by October 15, 2010,
to make the next catalog (2011-12) production

DATE (CHANGE DATE EACH TIME REVISED): 8/9/10 REV 10/4/10

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. Course Information.

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

OLD

Prefix IT Course# 400 Title E Commerce Units (3)
 3 hours lecture per week
 hours blank per week

X Prerequisites: IT280 and 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 Graded
 Categories CR/NC Repeatable
 Lab Fee Requested X A - F for up to units
 Total Completions
 Course Level: Multiple Enrollment in same semester
 X Undergraduate Optional (Student's choice)
 Post-bac/Credential
 Graduate

NEW

Prefix IT Course# 400 Title E Commerce Units (3)
 3 hours lecture per week
 hours blank per week

X Prerequisites: IT 280 and COMP 420
 Consent of Instructor Required for Enrollment
 Corequisites:

Catalog Description (Do not use any symbols):
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2. 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		<u>3</u>	<u>1</u>	<u>24</u>	y	<input type="text"/>
Seminar	<input type="text"/>	<u>1</u>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<u>1</u>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Lab	<input type="text"/>	<u>3</u>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<u>3</u>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Activity	<input type="text"/>	<u>2</u>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<u>2</u>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Field Studies	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Indep Study	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other blank	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

3. 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).

4. 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
- Elective for the Major/Minor
- Free Elective

NEW

This course is an elective for the BSIT

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

Submit Program Modification if this course changes your program.

5. 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. Be able to select and justify an appropriate application architecture for a web application
3. Be able to identify the components of an e-commerce system.
4. Be able to systematically evaluate user requirements.
5. Be able to model the data and functionality of an e-commerce system.
6. Be able to 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
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.

6. 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.

NEW

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.

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- 7. Collecting Marketing Information.
- 8. Cookies.
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- 10. Web Site Search.

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

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 X

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

Overlapping courses require Chairs' signatures.

7. 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:
- C. Program responsible for staffing:

8. 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

NEW

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Addison Wesley 20040321269373

9. Tenure Track Faculty qualified to teach this course.

William Wolfe

10. Requested Effective Date or First Semester offered: Fall 2011

11. New Resource Requested: Yes No X

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.

12. 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.]

- | | |
|---|--|
| <input type="checkbox"/> Course title | <input type="checkbox"/> Course Content |
| <input type="checkbox"/> Prefix/suffix | <input checked="" type="checkbox"/> Course Learning Objectives |
| <input type="checkbox"/> Course number | <input type="checkbox"/> References |
| <input type="checkbox"/> Units | <input type="checkbox"/> GE |
| <input type="checkbox"/> Staffing formula and enrollment limits | <input type="checkbox"/> Other <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Prerequisites/Corequisites | <input type="checkbox"/> Reactivate Course |
| <input type="checkbox"/> Catalog description | |
| <input type="checkbox"/> Mode of Instruction | |

Justification: The prerequisite change reflects the available prerequisite classes. Student learning outcomes have been reworded.

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

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

Priority deadline for New Minors and Programs: **October 4, 2010** of preceding year.

Priority deadline for Course Proposals and Modifications: **October 15, 2010.**

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

Peter Smith

10/4/10

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		
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Signature

Date

Program Chair		
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Signature

Date

Program Chair		
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Signature

Date

General Education Chair		
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Signature

Date

Center for Intl Affairs Director		
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Signature

Date

Center for Integrative Studies Director		
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Signature

Date

Center for Multicultural Engagement Director		
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Signature

Date

Center for Civic Engagement and Service Learning Director		
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Signature

Date

Curriculum Chair		
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Signature

Date

Dean of Faculty		
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Signature

Date