

CALIFORNIA STATE UNIVERSITY CHANNEL ISLANDS

COURSE MODIFICATION PROPOSAL

Courses must be submitted by October 15, 2014, and finalized by the end of the fall semester to make the next catalog (2015-16) production

DATE (CHANGE DATE EACH TIME REVISED): 09/17/2015

PROGRAM AREA(S): BUS COURSE NO: 320

Directions: All sections of this form must be completed. 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]*

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

Justification: The enrollment benchmark has been adjusted to reflect the nature of the course and current budgetary realities. *(Please provide justification(s) for each marked item above). Be as brief as possible but use as much space as necessary.]:*

2. Course Information.

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

OLD				NEW			
Prefix	BUS	Course#	320	Prefix	BUS	Course#	320
Title	BUSINESS			Title	BUSINESS		
OPERATIONS	Units (3)			OPERATIONS	Units (3)		
3	hours	lecture	per week	3	hours	lecture	per week
<input type="checkbox"/>	hours	blank	per week	<input type="checkbox"/>	hours	blank	per week
<input checked="" type="checkbox"/>	Prerequisites: MATH 140 or 150			<input checked="" type="checkbox"/>	Prerequisites: MATH 140 or 150		
<input type="checkbox"/>	Consent of Instructor Required for Enrollment			<input type="checkbox"/>	Consent of Instructor Required for Enrollment		
<input type="checkbox"/>	Corequisites: <input type="checkbox"/>			<input type="checkbox"/>	Corequisites: <input type="checkbox"/>		
Catalog Description (Do not use any symbols):				Catalog Description (Do not use any symbols):			
Exploration and application of quantitative techniques, systems analysis and operations analysis of business functions, with an emphasis on the optimization of process and operational efficiencies. A variety of management science methodologies will be applied to theoretical and real-world situations.				Exploration and application of quantitative techniques, systems analysis and operations analysis of business functions, with an emphasis on the optimization of process and operational efficiencies. A variety of management science methodologies will be applied to theoretical and real-world situations.			
General Education Categories: <input type="checkbox"/>				General Education Categories: <input type="checkbox"/>			
Grading Scheme (Select one below):				Grading Scheme (Select one below):			
<input checked="" type="checkbox"/> A – F				<input checked="" type="checkbox"/> A – F			
<input type="checkbox"/> Credit/No Credit				<input type="checkbox"/> Credit/No Credit			
<input type="checkbox"/> Optional (Student's Choice)				<input type="checkbox"/> Optional (Student's Choice)			
Repeatable for up to <input type="checkbox"/> units				Repeatable for up to <input type="checkbox"/> units			
Total Completions <input type="checkbox"/>				Total Completions <input type="checkbox"/>			
Multiple Enrollment in Same Semester Y/N N				Multiple Enrollment in Same Semester Y/N N			
Course Level:				Course Level:			
<input checked="" type="checkbox"/> Undergraduate				<input checked="" type="checkbox"/> Undergraduate			
<input type="checkbox"/> Post-Baccalaureate				<input type="checkbox"/> Post-Baccalaureate			
<input type="checkbox"/> Graduate				<input type="checkbox"/> 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>30</u>	X	Lecture	<u>3</u>	<u>1</u>	<u>40</u>	X	
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/geapp> 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 (Graduation Writing Assessment Requirement)

Meets University Language Requirement

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

Online Course (Answer YES if the course is ALWAYS delivered online).

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

This is a required course for the Bachelor of Science in Business. An understanding of the role of quantitative analysis techniques is essential for students of business. The course will use lectures, cases, projects, and in-class exercises to illustrate the importance of productivity to business organizations. This course will provide business students with

NEW

This is a required course for the Bachelor of Science in Business. An understanding of the role of quantitative analysis techniques is essential for students of business. The course will use lectures, cases, projects, and in-class exercises to illustrate the importance of productivity to business organizations. This course will provide business students with

the knowledge, skills, and abilities to analyze operational strategy, operating systems, facilities and process technology.

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

the knowledge, skills, and abilities to analyze operational strategy, operating systems, facilities and process technology.

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

Submit Program Modification if this course changes your program.

6. Student Learning Outcomes. (List in numerical order. Please refer to the Curriculum Committee's "Learning Outcomes" guideline for measurable outcomes that reflect elements of Bloom's Taxonomy: <http://senate.csuci.edu/comm/curriculum/resources.htm>. The committee recommends 4 to 8 student learning outcomes, unless governed by an external agency (e.g., Nursing).

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

OLD

1. Describe orally and in writing the fundamentals of productivity and its linkage to the operations management process (1,2,3,5)
2. Write analyses of complex cases related to operations management (3,5)
3. Formulate operations strategy and present orally and in writing (1,2,3,5)
4. Identify, conceptualize, and develop solutions for operational problems, especially through the use of management science techniques (5)

*Aligns with Program Learning Goals for: 1) Critical thinking, 2) Oral communication, 3) Written Communication, 4) Conduct (Ethics), 5) Competencies in discipline, 6) Collaboration

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

NEW

1. Describe orally and in writing the fundamentals of productivity and its linkage to the operations management process (1,2,3,5)
2. Write analyses of complex cases related to operations management (3,5)
3. Formulate operations strategy and present orally and in writing (1,2,3,5)
4. Identify, conceptualize, and develop solutions for operational problems, especially through the use of management science techniques (5)

*Aligns with Program Learning Goals for: 1) Critical thinking, 2) Oral communication, 3) Written Communication, 4) Conduct (Ethics), 5) Competencies in discipline, 6) Collaboration

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

OLD

1. Principles of operations management
2. Productivity
3. Manufacturing vs. service organizations
4. Developing and implementing operating systems
5. Designing and utilizing facilities
6. Promoting innovation
7. Management science and decision-making
8. Mathematical models
9. IT Systems and operations management – computer aided manufacturing
10. Production planning and scheduling
11. Emerging issues in operations management
12. eCommerce

NEW

1. Principles of operations management
2. Productivity
3. Manufacturing vs. service organizations
4. Developing and implementing operating systems
5. Designing and utilizing facilities
6. Promoting innovation
7. Management science and decision-making
8. Mathematical models
9. IT Systems and operations management – computer aided manufacturing
10. Production planning and scheduling
11. Emerging issues in operations management
12. eCommerce

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:
- C. Program responsible for staffing:

9. References. [Provide 3-5 references]

OLD

1. Kopelman, Richard, 1986, *Managing Productivity in Organizations*, New York: McGraw Hill
2. Schroeder, Roger, 1989, *Operations Management*, New York: McGraw Hill.
3. McLeavey, Dennis and S.L. Narasimhan, 1985, *Production Planning and Inventory Control*, Boston: Allyn & Bacon.
4. Adam, Everett & Ronald Ebert, 1986, *Production and Operations Management* (3rd Edition), Englewood Cliffs, NJ: Prentice Hall.

NEW

1. Cachon, Gerard, and Christian Terwiesch. *Matching Supply with Demand: An Introduction to Operations Management*. 3rd ed. McGraw-Hill, 2012.
2. David Collier and James Evans. OM, 2nd Edition. Upper Saddle River, NJ: South-Western Cengage Learning, 2010/2011.

10. Tenure Track Faculty qualified to teach this course.
Business school faculty

11. Requested Effective Date or First Semester offered: Fall 2016

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 ☐ No ☒
 If, YES attach a program update or program modification form for all programs affected.
 Deadline for New Minors and Programs: **October 1, 2014.**
 Deadline for Course Proposals and Modifications, and for Program Modifications: **October 15, 2014.**
 Last day to submit forms to be considered during the current academic year: **April 1, 2015.**

<input type="checkbox"/>	<input type="checkbox"/>
Proposer(s) of Course Modification	Date
Type in name. Signatures will be collected after Curriculum approval.	

Approval Sheet

Course: [REDACTED]

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.

The CI program review process includes a report from the respective department/program on its progress toward accessibility requirement compliance. By signing below, I acknowledge the importance of incorporating accessibility in course design.

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 Community Engagement Director		
	Signature	Date

Curriculum Chair		
	Signature	Date

AVP		
	Signature	Date