# Course Change Proposal

## Form A

<table>
<thead>
<tr>
<th>Academic Group (College):</th>
<th>Academic Organization (Department):</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>College of Business Administration</td>
<td>College of Business Administration</td>
<td>Oct. 29, 2009</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Course Proposal:</th>
<th>Date:</th>
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<tbody>
<tr>
<td>New X Change Deletion</td>
<td>Oct. 29, 2009</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Does this course fulfill a requirement for single-subject or multiple subject credential students?</th>
<th>Presented By:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes <em>X</em> No X</td>
<td>Russell Ching</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>For Catalog Copy:</th>
<th>Submitted by:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes <em>X</em> No <em>X</em></td>
<td>Russell Ching</td>
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<table>
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<tr>
<th>Semester Effective:</th>
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<tbody>
<tr>
<td>Fall <em>X</em> Spring <em>X</em></td>
<td>2010</td>
</tr>
</tbody>
</table>

This course replaces experimental course Subject Area (prefix) and Catalog Number (course number):

This Catalog Number (course number) is being replaced:

<table>
<thead>
<tr>
<th>Change from:</th>
<th>Change to:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subject Area (prefix) &amp; Catalog No. (course no.):</td>
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</tr>
<tr>
<td>MIS 163</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title:</th>
<th>Units:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Process Engineering and ERP Configuration</td>
<td>3</td>
</tr>
</tbody>
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</table>

## JUSTIFICATION:

The demand for enterprise resource planning (ERP) implementation people has steadily increased in our region. The College and MIS area are responding to meeting this demand by offering a course that will provide students with the background including skills, knowledge and insights to ERP systems implementation.

## NEW COURSE DESCRIPTION: (Not to exceed 80 words, and language should conform to catalog copy. See http://www.csus.edu/acadmunivmanual/crsplsl.htm - Guidelines for Catalog Course Description)

This course focuses on identifying and understanding business requirements, modeling business processes that incorporate the business requirements, and configuring the processes for their implementation in an enterprise resource planning (ERP) system. Students will gain insights to implementation issues and propose alternative solutions to overcome them. A project team environment further develops the individual student’s communication and team skills.

<table>
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<tr>
<th>Note:</th>
</tr>
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</table>

Prerequisite:
Enforced at Registration: Yes No
Corequisite:
Enforced at Registration: Yes No

<table>
<thead>
<tr>
<th>CAN (California Articulation Number):</th>
</tr>
</thead>
</table>

Graded: Letter X Credit/No Credit
Instructor Approval Required? Yes No

<table>
<thead>
<tr>
<th>Course Classification (e.g., lecture, lab, seminar, discussion):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title for SIS+/CMS (not more than 30 characters)</td>
</tr>
<tr>
<td>Bus Process Eng and ERP Config</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lecture</th>
</tr>
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<tbody>
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</table>

Cross Listed?
Yes No X
If yes, do they meet together and fulfill the same requirement, and what is the other course.

<table>
<thead>
<tr>
<th>How Many Times Can This Course be Taken for Credit?</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>1</em></td>
</tr>
</tbody>
</table>

Can the course be taken for Credit more than once during the same term? Yes No X
FOR NEW COURSE PROPOSALS OR SUBSTANTIVE CHANGES ONLY:

**Description of the Expected Learning Outcomes:** Describe outcomes using the following format: “Students will be able to: 1), 2), etc.” See the example at http://www.csus.edu/acaf/example.htm

Students will be able to:
1. Identify and understand business requirements in the context of business operations
2. Effectively communicate with learners the business requirements
3. Engineer and model business processes that incorporate the business requirements
4. Map/configure the business processes to the ERP system software
5. Understand implementation issues that are common to ERP systems and propose alternative solutions to overcome them
6. Work with other members of the team

**Attach a list of the required/recommended course readings and activities [Note: it is understood that these are updated and modified as needed by the instructor(s).] This attachment should be forwarded only to your Dean’s office, not Academic Affairs.**

**Assessment Strategies:** A description of the assessment strategies (e.g., portfolios, examinations, performances, pre- and post-tests, conferences with students, student papers) which will be used by the instructor to determine the extent to which students have achieved the learning outcomes noted above:

- Exams (assess knowledge and concepts understanding)
- Semester Project (assess integration of technology, business and ERP concepts, and implementation issues knowledge)
- Assignments (assess incremental concept development/understanding)

For whom is this course being developed?

- Majors in the Dept. [ ]
- Majors of other Depts [ ]
- Minors in the Dept [ ]
- General Education [ ]
- Other [ ]

Is this course required in a degree program (major, minor, graduate degree, certificate)? Yes [ ] No [x]

If yes, identify program(s):

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer facilities, faculty, etc.)? Yes [ ] No [x]

If yes, attach a description of resources needed and verify that resources are available.

Indicate which department or programs will be affected by the proposed course (if any).

The Department Chair's signature below indicates that affected programs have been sent a copy of this proposal form.

**Approvals:** If proposed change, new course or deletion is approved, sign and date below. If not approved, forward without signing to the next reviewing authority, and attach an explanatory memorandum to the original copy.

<table>
<thead>
<tr>
<th>Signatures</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department Chair: [Signature]</td>
<td>10-30-09</td>
</tr>
<tr>
<td>College Dean or Associate Dean: [Signature]</td>
<td></td>
</tr>
<tr>
<td>CPSP (for school personnel courses ONLY)</td>
<td></td>
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<tr>
<td>Associate Vice President and Dean for Academic Programs</td>
<td></td>
</tr>
</tbody>
</table>

Distribution: Academic Affairs (original), Department Chair and College Dean. Dean’s office to send original after approval to Academic Affairs, at mail zip 6016. An electronic copy must also be sent.
MIS 163 Business Process Engineering and ERP Configuration

CALIFORNIA STATE UNIVERSITY, SACRAMENTO
College of Business Administration

MIS 163 – Business Process Engineering and ERP Configuration

Course Outline

Instructor: [Inserted by instructor]
Office:
Phone:
E-mail:
Office Hours:


Course Description

This course focuses on identifying and understanding business requirements, modeling business processes that incorporate the business requirements, and configuring the processes for their implementation in an enterprise resource planning (ERP) system. Students will gain insights to implementation issues and propose alternative solutions to overcome them. A project team environment further develops the individual student’s communication and team skills. 3 units.

Goal

The goal of this course is to develop analytical and critical thinking skills for the implementation of ERP systems.

Course Objective

The primary objectives of the course is

To identify business requirements, engineer business processes that incorporate the requirements and configure the business processes for ERP implementation

Subobjectives
• Interact with users to elicit business requirements
• Plan and organize an implementation project
MIS 163 Business Process Engineering and ERP Configuration

- Engineer business process the ensure workflow throughout the enterprise
- Configure the ERP system for the implementation of the business processes
- Analyze problems, elaborate on possible solutions and create a appropriate solution
- Work with others in a project team environment

Grades

<table>
<thead>
<tr>
<th></th>
<th>Points</th>
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<tbody>
<tr>
<td>Exams (2)</td>
<td>100</td>
</tr>
<tr>
<td>Final Exam</td>
<td>100</td>
</tr>
<tr>
<td>Project</td>
<td>100</td>
</tr>
<tr>
<td>Research paper</td>
<td>100</td>
</tr>
<tr>
<td>Homework Assignments (5)</td>
<td>100</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td><strong>500</strong></td>
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Final letter grades will be assigned as follows:

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<th>Points Range</th>
<th>Grade</th>
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<tbody>
<tr>
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<td>A</td>
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<tr>
<td>400 - 449</td>
<td>B</td>
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<tr>
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<tr>
<td>300 - 349</td>
<td>D</td>
</tr>
<tr>
<td>&lt; 300</td>
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Topics

- Overview of ERP and ERP systems
  - Objectives of ERP
  - ERP concepts
  - ERP architecture
- Project management
  - Planning, organizing and managing
- Business Requirements
  - Identifying and analyzing business requirements
- Business processes
  - Identifying and analyzing physical workflows
  - Engineer enterprise processes
  - Process optimization
  - Designing and implementing new organizational structures and processes
- ERP configuration
  - Organizational structure
  - Master data
  - Configuration documentation
  - Rules
  - Testing
- Change management and control
- Training
- Going live
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Grades

| Exams (2) | 100 |
| Final Exam | 100 |
| Project | 100 |
| Research paper | 100 |
| Homework Assignments (5) | 100 |

Total: 500

Final letter grades will be assigned as follows:

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