

ORIGINATOR'S SECTION:														
1. College: <input type="checkbox"/> CHABSS <input checked="" type="checkbox"/> CoBA <input type="checkbox"/> CoEHHS <input type="checkbox"/> CSM	Desired Term and Year of Implementation (e.g., Fall 2008): Spring 2017													
2. Course is to be considered for G.E.? (If yes, also fill out appropriate GE form*) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No														
3. Course will be a variable-topics (generic) course? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ("generic" is a placeholder for topics)														
4. Course abbreviation and Number:* OM 443														
5. Title: (Titles using jargon, slang, copyrighted names, trade names, or any non-essential punctuation may not be used.) Supply Chain Information Management														
6. Abbreviated Title for PeopleSoft: (no more than 25 characters, including spaces) Supply Chain Information														
7. Number of Units: 4														
8. Catalog Description: (Not to exceed 80 words; language should conform to catalog copy. Please consult the catalog for models of style and format; include all necessary information regarding consent for enrollment, pre- and/or corequisites, repeated enrollment, crosslisting, as detailed below. Such information does <u>not</u> count toward the 80-word limit.) This course provides students with an understanding of how modern supply chain systems function with the aid of technology. Topics include MRP systems, MRP II systems, DRP systems, ERP systems, Supply Chain Management Data Structures and Advanced Planning <i>(previously OM 484-1)</i>														
9. Why is this course being proposed? The course fits within the Global Supply Chain Management Option by adding a practical component to concepts learned in the OM core courses (305 and 428). Recently we have completed an industry wide survey to find out the skills necessary for GSCM option graduates. According to data gathered in this survey we have concluded that our graduate student lack the understanding of resource planning technology. This course aims to equip our students with an understanding of how modern supply chain systems function with the aid of technology. As such, the course is a true complement to the existing courses in the option. As evident in the proposed syllabus, the course also employs a learn-by-doing pedagogy and emphasizes practical application.														
10. Mode of Instruction* For definitions of the Course Classification Numbers: http://www.csusm.edu/academic_programs/curriculum/schedule/catalog/curricula/DOCUMENTS/Curricular_Forms_Table/Instructional%20Mode%20Conventions.pdf														
		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:33%;">Type of Instruction</th> <th style="width:33%;">Number of Credit Units</th> <th style="width:33%;">Instructional Mode (Course Classification Number)</th> </tr> </thead> <tbody> <tr> <td>Lecture</td> <td style="text-align: center;">4</td> <td style="text-align: center;">C2</td> </tr> <tr> <td>Activity</td> <td></td> <td></td> </tr> <tr> <td>Lab</td> <td></td> <td></td> </tr> </tbody> </table>	Type of Instruction	Number of Credit Units	Instructional Mode (Course Classification Number)	Lecture	4	C2	Activity			Lab		
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Lecture	4	C2												
Activity														
Lab														
11. Grading Method:* <input checked="" type="checkbox"/> Normal (N) (Allows Letter Grade +/-, and Credit/No Credit) <input type="checkbox"/> Normal Plus Report-in-Progress (NP) (Allows Letter Grade +/-, Credit/No Credit, and Report-in-Progress) <input type="checkbox"/> Credit/No Credit Only (C) <input type="checkbox"/> Credit/No Credit or Report-in-Progress Only (CP)														
12. If the (NP) or (CP) grading system was selected, please explain the need for this grade option.														
13. Course Requires Consent for Enrollment? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No														

Subjects

* If Originator is uncertain of this entry, please consult with Program/Department Director/Chair.

Faculty Credential Analyst Dean Program/Department - Director/Chair

14. Course Can be Taken for Credit More than Once? Yes No
 If yes, how many times? (including first offering)

15. Is Course Crosslisted: Yes No
 If yes, indicate which course and check "yes" in item #22 below.

16. Prerequisite(s): Yes No BUS 204 or BUS 304

17. Corequisite(s): Yes No

18. Documentation attached:
 Syllabus Detailed Course Outline

19. If this course has been offered as a topic, please enter topic abbreviation, number, and suffix:* OM 484-1

20. How often will this course be offered once established?* Once a Year

PROGRAM DIRECTOR/CHAIR - COLLEGE CURRICULUM COMMITTEE SECTION:
(Mandatory information – all items in this section must be completed.)

21. Does this course fulfill a requirement for any major (i.e., core course or elective for a major, majors in other departments, minors in other departments)? Yes No
 If yes, please specify:
 Elective course for Global Supply Chain Management students

22. Does this course impact other discipline(s)? (If there is any uncertainty as to whether a particular discipline is affected, check "yes" and obtain signature.) Yes No
 If yes, obtain signature(s). Any objections should be stated in writing and attached to this form.

Discipline	_____	_____	_____Support	_____Oppose
	Signature	Date		
Discipline	_____	_____	_____Support	_____Oppose
	Signature	Date		

SIGNATURES : (COLLEGE LEVEL) :

1. Originator (please print or type name) Robert Abolun Date 2/18/16

2. Program Director/Chair _____ Date 2/18/16

3. College Curriculum Committee _____ Date 2/18/16

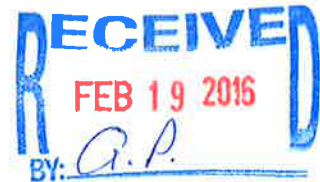
4. College Dean (or Designee) _____ Date 2/19/16

(UNIVERSITY LEVEL)

5. UCC Committee Chair _____ Date _____

6. Vice President for Academic Affairs (or Designee) _____ Date _____

7. President (or Designee) _____ Date _____



* If Originator is uncertain of this entry, please consult with Program/Department Director/Chair.

California State University San Marcos OM 484-1 Section 01, Spring 2016

Meeting: Tuesday and Thursday 5:00pm-7:00pm Location Markstein Hall 307

Instructor: Gavin Swigart

Email: gswigart@csusm.edu

Phone: 760-443-1952

Office Hours: Tuesday and Thursday 7:00pm-8:00pm Location SBSB 2126

Textbook: "Enterprise Resources Planning and Supply Chain Management", by Kurbel.

Prerequisites: Passing grade in BUS204 or 304, with a grade of C (2.0) or better.

Supplies: Notebook, calculator and optional items: laptop, iPad, or Kindle

Classroom Conduct: Be respectful of other students in the class as well as the instructor. Turn off all cell phones, pagers, i-pods and any other devices before class begins. Any disruptive student will be asked to leave the class and will not be allowed to return until they have spoken with the Dean of Students. Cheating is likewise **not tolerated**. Anyone caught cheating will receive a zero for the item in question and also will be referred to the Dean of Students.

Grading Scale:

A: 100% - 90%

B: 89% - 80%

C: 79% - 70%

D: 69% - 60%

Grading Policy:

Quizzes	10%
Projects	40%
Exams (2)	25%
Final Exam	25%

Quizzes: Quizzes will be used to gauge understanding and progress throughout the semester. We will have a weekly quiz to follow up on concepts and prepare students for the types of questions they may encounter on the exam.

Projects: The projects will cover a topic related to the use of ERP to solve or work with a Supply Chain Management concept.

Exams: There will be a total of two (2) mid-term exams and one (1) Final Exam. No make-up exams are allowed so please schedule availability on the dates provided.

Exam Schedule:

3/8/16 **Exam #1**
4/12/16 **Exam #2**
5/19/16 **FINAL EXAM** (4:00pm-6:00pm)

Accommodations: Students with disabilities who require reasonable accommodations must be approved for services by providing appropriate and recent documentation to the Office of Disabled Student Services (DSS). This office is located in Craven Hall 5205, and can be contacted by phone at (760) 750-4905, or TTY (760) 750-4909. Students authorized by DSS to receive reasonable accommodations should meet with me after class or during my office hours in order to ensure confidentiality.

Academic Honesty: All written work must be original work. Students are responsible for honest completion of their work including examinations. There will be no tolerance for infractions. If you believe there has been an infraction by someone in the class, please bring it to the instructor's attention. The instructor reserves the right to discipline any student for academic dishonesty, in accordance with the general rules and regulations of the university. Disciplinary action may include the lowering of grades and/or the assignment of a failing grade for an exam, assignment, or the class as a whole. Incidents of Academic Dishonesty will be reported to the Dean of Students. Sanctions at the University level may include suspension or expulsion from the University

Course Structure: Class time will be devoted to lecture and demonstration. I will provide out-of-class reading material assignments which will prepare you for the next lecture. The more time spent reading these assignments, the more time we can devote to advanced topics and activities in class.

Course Description: This course provides students with an understanding of how modern supply chain systems function with the aid of technology. An overview of the origins of information technology systems explains the fundamental structures still in place today. Topics include Materials Requirement Planning (MRP) systems, Manufacturing Resource Planning (MRP II) systems, Distribution Resource Planning (DRP) systems, Enterprise Resource Planning (ERP), Supply Chain Management Data Structures and Advanced Planning, and current and future trends in Supply Chain Information Management. Students will gain practical experience working with a real MRP, MRPII, DRP, and ERP with sample data. Projects will require students to apply classroom learning to solve real-world problems. Written work supporting the project will demonstrate student's understanding of the topics and show application of the abstract techniques studied in the course.

Student Learning Objectives/Outcomes:

- Learn about the origins of, current state of, and future capabilities of MRP, MRPII, DRP, and ERP systems
- Gain an understanding of how MRP, MRPII, DRP, and ERP systems enable modern supply chain management
- Practical experience with using multiple MRP, MRPII, DRP, and ERP systems
- Understand future topics and trends for how technology will be used to effectively manage a supply chain
- Understand the organizational roles and responsibilities required for successful MRP, MRPII, DRP, and ERP implementation and use
- Gain understanding of how manufacturing and distribution systems work and how information technology enables control
- Develop appreciation for the scope and complexity of Supply Chain Management

Week	Section	What you should learn
1	1 – Business Information Systems	The purpose of business, the problems presented with controlling and managing, and how BIS can help businesses succeed
2, 3	2 – MRP: Material Requirements Planning	The first applications were MRP calculators. Bills of material and time-phased order point along with the methods employed are still in use today
3, 4	3 – MRP II: Manufacturing Resource Planning	Creating a closed-loop to validate the material plan, MRP II was created to link the resources required to make the materials to the plan.
4, 5	4 – ERP: Enterprise Resource Planning	Beyond just planning materials and resources, ERP envelops the entire enterprise and creates a common database for all functions in the organization
6, 7	5 – Case Study – SAP ERP	Global Bike International, live demos, and student projects
EXAM 1 – Covering sections 1 – 5		
8, 9	6 – ERP System Implementaiton	Process of implementing the system, including business process mapping, data loading, and user training
9, 10	7 – Manufacturing Systems	Manufacturing Execution Systems seek to take the generalized plans created by MRP to the next level and create dedicated solutions that solve complex manufacturing issues
10, 11	8 – SCM: Supply Chain Management	SCM is a function that seeks to maximize the effectiveness of the supply chain, coordinating the flow of materials, information, and communication.
11, 12	9 – SCM Data Structures and Advanced Planning	How to organize data for the advanced tools available to help manage the supply chain and how these tools work
13, 14	10 – Case Study – SAP SCM	Work with APO (advance planner and optimizer), SNC (supply network collaboration), F&R (forecasting and replenishment), EM event management), and EWM (extended warehouse management) modules. Student projects.
Exam 2 – Covering sections 6 – 10		
15	11 – Current and Future Trends	Cloud and internet-based ERP to extend ERP's reach beyond organization's walls. RFID's integration into the supply chain. Automation.
Final Exam – Cumulative		