

## Virginia Mann

**From:** Melissa Simnitt  
**Sent:** Thursday, March 03, 2016 9:55 AM  
**To:** Robert Aboolian  
**Cc:** Eve McElrath  
**Subject:** RE: UCC review of Minor in BA P-2 and Global Supply Chain Management P-2

Hi Robert.

Ok, based on the info I pulled from the syllabus and C form, here are my thoughts:

On the C-form in box #9 you use the phrase <sup>3</sup>understanding of resource planning technology<sup>2</sup> which sums up the whole content of the course, it seems. With that in mind, a few of the SLOs can be housed under a <sup>3</sup>resource planning technology<sup>2</sup> idea, correct? We don't necessarily want to state EVERY minute detail in the SLOs of what students will cover in the course. So, I made a comparison chart for you that, hopefully, demonstrates my thinking. Of course, I may have misunderstood some things, so feel free to change the words. If you have questions, or would like to discuss, let me know! Meanwhile, I hope this helps.

### Student Learning Objectives/Outcomes: Upon completion of this course, students will be able toŠ

Original	Modification	Rationale
1) Learn about the origins of, current state of, and future capabilities of MRP, MRPII, DRP, and ERP systems	1) Explain the origins of, current state of, and future capabilities of resource planning technology systems.	<sup>3</sup> Explain <sup>2</sup> is more measureable than the vague <sup>3</sup> Learn about. <sup>2</sup> Using the resource planning tech idea helps keep it all under one topic, rather than listing each. You can ask: Can students <sup>3</sup> explain <sup>2</sup> ? Yes or no.
2) Gain an understanding of how MRP, MRPII, DRP, and ERP systems enable modern supply chain management	2) Recognize and apply appropriate resource planning technology systems to support modern supply chain management.	Adding measureable components with <sup>3</sup> recognize <sup>2</sup> and <sup>3</sup> apply <sup>2</sup> and change to include the resource planning tech topic for consistency. Again, can student recognize and apply? Yes or no.
3) Practical experience with using multiple MRP, MRPII, DRP, and ERP systems		Original is incomplete statement, and idea seems to fall under SLOs 1 & 2
4) Understand future topics and trends for how technology will be used to effectively manage a supply chain		Now seems to fall under SLOs 1 & 2
5) Understand the organizational roles and responsibilities required for successful MRP, MRPII, DRP, and ERP implementation and use		Now seems to fall under SLOs 1 & 2
6) Gain understanding of how manufacturing and distribution systems work and how information technology enables control	3) Describe how manufacturing and distribution systems work and how information technology enables control.	Measureable <sup>3</sup> describe <sup>2</sup> allows you to ask if students can do it, yes or no?

7) Develop appreciation for the scope and complexity of Supply Chain Management		Now seems to fall under SLOs 1 & 2
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## 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](mailto: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. **All CSU undergraduate students must demonstrate competency in writing skills as a requirement for graduation. Therefore, each individual is required to write a final project report with a minimum of 2500 words.**

**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:**

Upon completion of this course, students will be able to

- Explain the origins of, current state of, and future capabilities of resource planning technology systems.
- Recognize and apply appropriate resource planning technology systems to support modern supply chain management.
- Describe how manufacturing and distribution systems work and how information technology enables control.

<b>Week</b>	<b>Section</b>	<b>What you should learn</b>
1	<b>1 – Business Information Systems</b>	The purpose of business, the problems presented with controlling and managing, and how BIS can help businesses succeed
2, 3	<b>2 – MRP: Material Requirements Planning</b>	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	<b>3 – MRP II: Manufacturing Resource Planning</b>	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	<b>4 – ERP: Enterprise Resource Planning</b>	Beyond just planning materials and resources, ERP envelops the entire enterprise and creates a common database for all functions in the organization
6, 7	<b>5 – Case Study – SAP ERP</b>	Global Bike International, live demos, and student projects
<b>EXAM 1 – Covering sections 1 – 5</b>		
8, 9	<b>6 – ERP System Implementaiton</b>	Process of implementing the system, including business process mapping, data loading, and user training
9, 10	<b>7 – Manufacturing Systems</b>	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	<b>8 – SCM: Supply Chain Management</b>	SCM is a function that seeks to maximize the effectiveness of the supply chain, coordinating the flow of materials, information, and communication.
11, 12	<b>9 – SCM Data Structures and Advanced Planning</b>	How to organize data for the advanced tools available to help manage the supply chain and how these tools work
13, 14	<b>10 – Case Study – SAP SCM</b>	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.
<b>Exam 2 – Covering sections 6 – 10</b>		
15	<b>11 – Current and Future Trends</b>	Cloud and internet-based ERP to extend ERP's reach beyond organization's walls. RFID's integration into the supply chain. Automation.
<b>Final Exam – Cumulative</b>		