



Production Planning & Control Lab

OSCM 3334A Fall 2018

Instructor: Dr. José Humberto Ablanedo-Rosas

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Class Hours: T 1:30-2:50 p.m. BUSN 328

Office Hours: W 12:00 – 1:00 p.m. & R 12:00 - 3:00 p.m.

Reference Books:

Production Planning and Control (SAP PP) with SAP ERP, by Jawad Akhtar, 2nd Edition, SAP PRESS, 2016 (ISBN 978-1-4932-1431-0).

Manufacturing Planning and Control, by F. Robert Jacobs, William L. Berry, D. Clay Whybark, and Thomas E. Vollmann. McGraw Hill, Sixth Edition (ISBN 978-0-07-337782-7).

The SAP Materials Management Handbook, by Ashfaque Ahmed, CRC Press Taylor & Francis Group (ISBN: 978-1-4665-8162-3).

Course description (*From Goldmine*)

Production Planning and Control Lab This course covers the configuration and implementation of Manufacturing Planning and Control concepts in an ERP system. It includes the practice of Demand Management, Resource Planning. Sales and Operations Planning, Capacity Requirements Planning, and Material Requirements Planning. Some emphasis will be placed on Process Management.

Welcome to Production Planning and Control Lab, the official information for OSCM 3334 Lab course, including grades, will be posted on Blackboard. You are responsible for reading the “Announcements”, “Assignments”, and any other information concerning this course; check your Blackboard account daily.

Objectives:

At the completion of this course students will be able to:

1. Conduct demand management processes in an ERP system.
2. Perform sales and operations planning in an ERP system.
3. Determine and plan capacity requirements in an ERP system.
4. Manage and control business processes in an ERP system.
5. Execute manufacturing planning & control processes in an ERP system.

Prerequisite:

OSCM 3333 or may be taken concurrently.

Grading Policy:

Grades for this course will be based on the percentage of successful completion of the laboratory exercises.

Percent	Grade
90 to 100	A
80 to 89	B
70 to 79	C
60 to 69	D
Below 60	F

There are no curves, bonus points, extra credit, etc. The final numerical grade is not rounded up, for example, 89.99 is not rounded up and since $89.99 < 90$ the corresponding final grade is “B”.

COURSE POLICIES

1. Academic Integrity

Cheating is unethical and not acceptable. Plagiarism is using information or original wording in a paper without giving credit to the source of that information or wording: it is also not acceptable. Do not submit work under your name that you did not do yourself. You may not submit work for this class that you did for another class. If you are found to be cheating or plagiarizing, you will be subject to disciplinary action, per UTEP catalog policy. Refer to <http://www.utep.edu/dos/acadintg.htm> for further information.

2. Missed Lab Sessions

You are expected to come to class, pay attention, and take good notes. If you miss the class, it is your responsibility to obtain notes from your classmates and complete the corresponding lab assignments.

3. Need for Assistance

If you have a disability and need classroom accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at www.sa.utep.edu/cass.

4. Student Responsibility

Individual students must operate with integrity in their dealings with faculty and other students; engage the learning materials with appropriate attention and dedication; maintain their engagement when challenged by difficult learning activities; contribute to the learning of others; and perform to standards set by the faculty.

Note: This is a tentative syllabus and the instructor reserves the right to make appropriate changes.

Course Outline:

Lecture	Lab Session
1 (Aug 28)	Introduction to logging on to SAP and Navigation
2 (Sep 4)	Master Data I: Material Masters
3 (Sep 11)	Master Data I: Material Masters
4 (Sep 18)	Master Data II: BOMs and Routings
5 (Sep 25)	Master Data II: BOMs and Routings
6 (Oct 2)	Forecasting and Sales and Operations Planning
7 (Oct 9)	Forecasting and Sales and Operations Planning
8 (Oct 16)	Master Scheduling and Material Requirements Planning
9 (Oct 23)	Master Scheduling and Material Requirements Planning
10 (Oct 30)	Master Scheduling and Material Requirements Planning
11 (Nov 6)	Purchasing and Financial Accounting
12 (Nov 13)	Purchasing and Financial Accounting
13 (Nov 20)	Production Planning
14 (Nov 27)	Production Planning
15 (Dec 4)	Production Planning