

MGT 502 -- Operations Management
 New Mexico State University
 Los Alamos
 Spring 2008

Instructor: Jeffrey Teich E mail: jteich@nmsu.edu	Office: GU 311; 646-3703 Office Hours: 8:20 – 8:50 AM TTH and 5:15 – 5:45 T after class and by appointment. Virtual (on-line) office hours at other times. Skype chat: jeteich
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Text: Russell, R.S., and Taylor, B.W. (2006) *Operations Management*. 5th edition.

Dates: 2/01-2/02, 2/29-3/01, 4/04-4/05, 5/02-5/03

Day: 1,2 3,4 5,6 7,8

Course Objectives

- To develop an understanding of the tools and techniques in the POM area.
- To strengthen skills in the use of Decision Support Systems and Web Applications.
- To develop a knowledge of the issues related to designing and managing operations and the techniques to do so.

Grading

1 Midterm 100 points
Exam

1 Final Exam 100 points

Daily HW and 100 points
Cases

Total 300 points

Operations Management-- Tentative Class Schedule			
Day	Subject	Chapter	Daily HW and Turn-ins
1	Operations, Competitiveness, Operations Strategy	1,2	
1	Products and Services, Processes, Technologies Capacity	5,6	Ch5: 6,12 ch6: 3,4,11,12 day 2
2	Facilities and location models	7, S7	Ch7: 7,11,20 ch S7:1,15,16 case 7.2 day 3
2	Project	9	Ch9: 3,4,5,13,22 day 3

	Management		
3	Supply Chain	10	SAP cases day 4
4	Supply Chain	10	
5	Midterm Exam (tentative)		
4	Forecasting	11	Ch 11: 2,35,45 Case 11.2 day 5
5	Inventory Management	12	Ch 12: 1,15,21,29,30,37 day 7
6	Aggregate Planning, Resource Planning	13,14	Ch 13: 15,24 ch 14 2,13 Case 13.1 day 7
6	Lean Production	15	Ch 15: 1,3,8,9 day 7
6	Scheduling	16	Ch 16: 8,17,13,20,21 Case 16.1 day 7
6	Quality and Statistical Process Control	3,4	Ch 3: 3,4,10 Ch 4: 2,4,6,12,13,16,19 day 7
7	Acceptance Sampling	S4	S4: 3 day 8
8	Probable Final Exam Date		

- **Incompletes ("I" grades):** Given for passable work that could not be completed due to circumstances beyond the student's control (e.g., severe illness, death in the immediate family). These circumstances must have developed after the last day to withdraw from the course. Requests for "I" grades should be made to the instructor, but must be approved by the Management Department Head.
- **Withdrawals:** It is the responsibility of the student to know important dates such as University drop dates; last day to withdraw with a W is March 10th. Moreover, it is the responsibility of the student to officially withdraw from any class that he or she intends to drop.
- **Disabilities/Employee Relations:** Call the Director of Institutional Equity at 505.646.3635 with any questions you may have about NMSU's Non-Discrimination Policy & complaints of discrimination, including sexual harassment. Call the Coordinator of Services for Students with Disabilities at 505.646.6840 regarding student issues related to the Americans with Disabilities Act (ADA) and/or Section 504 of the Rehabilitation Act of 1973. All medical information will be treated confidentially.

