

Production and Operations Management --- MGT 344.01
 Guthrie 103 – 11:30 – 12:20
 Spring 2008

Instructor: Brent Kinghorn E-mail: kinghorn@nmsu.edu Alternative: Use Web-CT	Office: GU 300B Phone: (505) 646-2641 Office Hours: MWF, 11:00-11:30 and by appointment
Home Pages http://salsa.nmsu.edu	

Text (required):

- Heizer, Jay & Render, Barry Operations Management. 9th ed., Upper Saddle River, NJ: Pearson - Prentice Hall, 2008
- <http://www.nmsubookstore.com/nmsu/>

Capabilities: E-mail account, spreadsheet --Excel capable, Internet access to WebCT access and Internet Exercises.

Course Description: Management of physical and human resources. Management information systems in operations. Applications in various organizations.

Objectives and Outcomes. Upon successful completion of this course you should :

1. Be able to identify the basic issues associated with the transformation processes associated with the production of goods or services,
2. Be able to apply basic analysis tools available to the operations manager in planning, designing, and continuously improving the value adding system,
3. Be able to recognize the relevance of operations management in a variety of career positions, most importantly in the career directions of your choice.

Methodology: Homework using Microsoft Office: WORD, Excel and Powerpoint, on-line progress quizzes and exams, Web-CT Slides and Internet resources.

Evaluation and Grading

		A 900 to 1000 points
4 Exams (@ 100 points)	400	B 800 to 899
10 Individual Assignments (@ 60 points)	600	C 700 to 799
		D 600 to 699
		F Less than 600

General University Policies

Last Day to Add: The last day to add this class **1/28/08**.

Withdrawal Policies: The last day to drop and receive a "W" is **3/10/08**.

Incomplete Grades: The incomplete grade "I" may only be assigned for circumstances beyond the student's control that occur AFTER the last day to withdraw from the course. Job related circumstances are generally not appropriate grounds for assigning an "I" grade. See graduate catalog for full details.

Course Schedule: We reserve the right to change classroom policies or assignments if circumstances dictate. Any changes will be announced via e-mail/HomePage and it is your responsibility to be aware of them.

STUDENTS WITH DISABILITIES: If you have (or believe you have) a disability & would benefit from classroom accommodation(s), contact the Services for Students with Disabilities (SSD) at Corbett Center, Room 244 (Phone 646-6840; TTY 646-1918). All medical info is treated confidentially. Do not wait until you

receive a failing grade. Retroactive accommodations cannot be considered. Information, instructions & forms from the Services for Students with Disabilities Office are online at <http://www.nmsu.edu/~ssd/index.html>.
Accommodations: SSD Office, 646-6840 (Corbett Center, room 244); **Discrimination:** Office for Institutional Equity, 646-3635, O'Loughlin House.

Student Responsibilities

1. Within a few days of the start of the semester, register with SSD & obtain forms.
2. Within the first 2 weeks of beginning of classes (or within 1 week of the date services are to commence), deliver the completed forms to the instructor(s).
3. Within 5 days of giving the forms to faculty & at least 1 week before any scheduled exam, retrieve the signed forms from faculty & return them to SSD.
4. Contact the SSD Office if services/accommodations requested are not being provided, not meeting your needs, or additional accommodations are needed.

Faculty Responsibilities

1. Within five 5 working days after student gives you the forms, sign them, retain a copy, & return originals to the student.
2. Contact SSD immediately if there are any questions or disputes regarding accommodation(s), disruptive behavior, etc.
3. Refer the student to SSD for any additional accommodations.

MGT 344.01 Schedule			
January 16 through May 9, 2008			
Week	Date	Chapter Reading Topics &	Homework Due on prior Reading & Study Bold verbs highlight things for you to do.
1	Jan. 16 W		Purchase text and check out student resources.
	Jan. 18 F	Ch 1: Operations and Productivity	Read Chapter 1 (End of Chapter Questions: 1.5, 1.13, 1.14, 1.15)
2	Jan. 25 F	Ch 2: Operations Strategy in a Global Environment	Read Chapter 2 (End of Chapter Questions: 2.2, 2.4, 2.6)
	Jan. 28 M Jan 28 is last day to add	Ch 3: Project Management	Read Chapter 3 (End of Chapter Questions: 3.2, 3.20, 3.26)
3	Feb. 1 F	Ch 4: Forecasting	Read Chapter 4 (End of Chapter Questions: 4.2, 4.6, 4.13, 4.23, 4.35, 4.46, 4.49)
	Feb. 8 F	EXAM 1	Chapters 1 - 4
4	Feb. 11 M	Ch 5: Design of Goods and Services	Read Chapter 5 (End of Chapter Questions: 5.1, 5.4, 5.9, 5.11, 5.15)
	Feb. 13 W	Ch 6: Managing Quality	Read Chapter 6 (End of Chapter Questions: 6.2, 6.5, 6.9, 6.12, 6.14, 6.16)
5	Feb. 18 M	Supp 6: Statistical Process Control	Read Supplement 6 (End of Chapter Questions: S6.6, S6.8, S6.10, S6.19, S6.34)
6	Feb. 25 M	Ch 7: Process Strategy	Read Chapter 7 (End of Chapter Questions: 7.1, 7.4, 7.9, 7.11, 7.12)
	Feb. 27 W	Supp 7: Capacity Planning	Read Supplement 7 (End of Chapter Questions: S7.1, S7.4, S7.9, S7.22, S7.24, S7.27)
7	Mar. 3 M	Ch 8: Location Strategies	Read Chapter 8 (End of Chapter Questions: 8.1, 8.5, 8.8, 8.9, 8.22, 8.23, 8.25)
	Mar. 7 F	EXAM 2	Chapters 5 - 8 & Supplements 6 - 7
Mar 10 is Last Day to Drop with a "W"			
8	Mar. 13 M	Ch 9: Layout Strategy	Read Chapter 9 (End of Chapter Questions: 9.1, 9.2, 9.4, 9.5, 9.6, 9.11, 9.17, 9.20, 9.30)
	Mar. 15 W	Ch 10: Human Resources and Job Design	Read Chapter 10 (End of Chapter Questions: 10.1, 10.3, 10.4, 10.12, 10.13)
9	Mar. 20 M	Ch 11: Supply-chain Management	Read Chapter 11 (End of Chapter Questions: 11.1, 11.2, 11.8, 11.10)
	Mar. 24 F	Supp 11: E-commerce and Operations	Read Supplement 11 (End of Chapter Questions: S11.2, S11.3, S11.5, S11.6)

		Management	
	Mar. 24-28	Spring Break	
10	Mar. 31 M	Ch 12: Inventory Management	Read Chapter 12 (End of Chapter Questions: 12.2, 12.3, 12.9, 12.12, 12.17, 12.19, 12.25, 12.27, 12.31, 12.32)
11	Apr. 7 M	Ch 13: Aggregate Planning	Read Chapter 13 (End of Chapter Questions: 13.3, 13.4, 13.5, 13.7, 13.8, 13.17, 13.19, 13.22)
	Apr. 11 F	EXAM 3	Chapters 9 - 13 & Supplement 11
12	Apr. 14 M	Ch 14: Material Requirements Planning (MRP) & ERP	Read Chapter 14 (End of Chapter Questions: 14.3, 14.5, 14.6, 14.7, 14.11, 14.12, 14.23, 14.25)
13	Apr. 21 M	Ch 15: Short-term scheduling	Read Chapter 15 (End of Chapter Questions: 15.2, 15.3, 15.4, 15.5, 15.7, 15.8, 15.12, 15.17, 15.19)
	Apr. 25 F	Ch 16: Just-in-Time & Lean Production Systems	Read Chapter 16 (End of Chapter Questions: 16.4, 16.5, 16.6, 16.9)
14	Apr. 28 M	Ch 17: Maintenance & Reliability	Read Chapter 17 (End of Chapter Questions: 17.3, 17.6, 17.7, 17.9, 17.16, 17.19)
		EXAM 4	Chapters 14 - 17

rev. 1-11-08