

MOS 3330b-650: Operations Management

ONLINE 2009

<http://owl.uwo.ca/>
 Management and Organizational Studies
 Faculty of Social Science
 The University of Western Ontario

Operations is about transforming inputs into finished goods and services. This constitutes the primary activity of virtually every organization. Hence, acquiring skills in operations management becomes essential for every manager whether or not he/she is pursuing a career directly in operations.

- Course Objectives:**
- To gain understanding of fundamental concepts and techniques (quantitative models) involved in Operations Management
 - To develop awareness related to managerial issues and current trends/challenges in operations

- General Coverage:**
- Supply chain management - supply chain, inventory management, forecasting
 - Planning - aggregate planning, MRP, ERP, scheduling, project management
 - Process and quality - process and product design, just-in-time systems, total quality management, statistical quality control

Instructors					
		Rick Burjaw		Rick Burjaw	
Lecture Time & Location					
Section 1	Section 2	Section 3	Section 4	Section 5	Section 650
			W11:30-12:30 SSC 3014	W1:30-3:30 SSC 3026	Online
			F11:30-1:30 SSC 3014	F9:30-10:30 SSC 3026	
Regular Office Hours					
		Wed/Thur/Fri		Wed/Thur/Fri	

- Pre-requisite:**
- BUS 257
- Unless you have either the requisites for this course or written special permission from your Dean to enrol in it, you may be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites.

- Textbook:** Reid & Sanders, *Operations Management*, 3rd edition, John Wiley & Sons, Customized version for MOS 330
- 2 copies are available on The D.B. Weldon Library 2-hour course reserve -- reference number **HD31.R442 2005**

Web Page: <http://mos.uwo.ca/courses/3330/>

- Check here for exam and group research paper information, exam review problems and their solutions, and general course information

Exam Style:

- Mixture of calculation, multiple choice and short answers
 - Closed book and no crib sheet -- formula sheet will be provided
- Multiple choice questions in the exams will be graded via computer software and may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating

Academic Offences: Scholastic offences (e.g., plagiarism) are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence at www.uwo.ca/univsec/handbook/appeals/scholoff.pdf

Grading Scheme:

Test 1*	25%	Wed., Feb. 4th 6:30-8:30, SSC 2024
Test 2*	25%	Wed., March 11th-6:30pm to 8:30pm SSC 2024
Final exam*	35%	To be announced by the Registrar's Office-to be done with all sections
Group research paper	10%	Form your group by Friday, January 25 <ul style="list-style-type: none"> • 4-5 people per group, from the online section Papers can be submitted when done, but the absolute deadline for ALL PAPERS is Friday April 3 rd . <ul style="list-style-type: none"> • See the course web site for more information
Participation	5%	Based on the submission of all exercises listed and handed in on time. All examples are located in the lecture notes and marked on the following weekly outline.

* Missed exams will receive zero marks unless a legitimate excuse is provided by the student and a makeup exam is scheduled by the instructor.

Weekly Schedule (guideline only; subject to change):

Week Beginning	Topic/Event	Textbook Required Reading	Textbook Learning Objectives
Jan. 5-9	Course information Introduction to Operations Mgmt.	Ch.1	#1-4, 6, 7 #3, 4, 6, 8 @ end of ch.
Jan. 12-16	Supply Chain Management	Ch. 2	#2-4, 6, 8, 10, 14
Jan. 19-23	Inventory Management 4 exercises to hand in by Friday	Ch.3	#1, 2, 4-8, 10, 11
Jan. 26-30	Forecasting 8 exercises to hand in by Friday	Ch.4	#1-5, 7, 8
Feb. 2-6	Test #1-Wed.Feb 4, 6:30-8:30-SSC 2024 Aggregate Planning 8 examples to hand in by Friday	Ch. 5	#1-4, 6
Feb. 9-13	Material Requirements Planning 2 examples to hand in by Friday	Ch 6	#4-10
Feb. 16-20	Break Week		
Feb.23-27	MRP, Scheduling and Enterprise Resource Planning	Ch 7	#1, 3, 4, 6, 7
Mar. 2-6	Project Management	Ch 8	#1-4

Mar. 9-13	Process Design , Just in Time Test #2-March 11th. 6:30-8:30, SSC 2024	Ch.9	#1, 2, 4, 7
Mar. 16-20	Just in Time	Ch.10	#1-6
Mar.23-27	Quality	Ch.10	#2, 4, 6
Mar. 30-Apr.3	Statistical Process Control Research papers Due 4 examples to hand in by Friday	Ch.11	#1-7, 9
Apr. 7-9	TQM	Ch 11	

FINAL EXAM TBA