Course Syllabus

Course Information

Course Prefix, Number, Section	OPRE 3310.004
Course Title	Supply Chain and Operations Management
Term	Spring 2023, January 17 – May 5, 2023
Days & Times	Tuesdays 10:00am-12:45pm
Location	JSOM 2.106

Professor Contact Information

Professor	Nozar (Nick) Hassanzadeh
Office Phone	972-883-4276
Other Phone	
Email Address	nozarh@utdallas.edu
Office Location	JSOM 1.515A
Office Hours	By Appointment, Tuesdays

Course Pre-requisites, Co-requisites, and/or Other Restrictions

MATH 1326 or MATH 2333 prerequisite or corequisite: STAT 3360 (co-req).

Course Description

This course covers concepts useful in efficiently managing the transformation of materials, labor, and capital into products or services in process operations and supply chains. Topics covered include: the role of supply chain and operations management in the firm's overall competitive strategy, key performance measures of operational performance, and tools for improving them. The level of discussion varies from long-term strategic planning to daily control of business processes.

Student Learning Objectives/Outcomes

Students will understand the role supply chain and operations management plays in business. Upon completion of the course, students will also be able to:

- Articulate supply chain and operations management concepts
- Use both analytics and qualitative tools to solve typical supply chain and operations management problems
- Apply these concepts, analytics, and tools to create value shared by managers, workers, customers, and shareholders

Required Textbooks and Materials

Required Texts

Operations Management by William J. Stevenson, 14th Edition
ISBN 978-1-260-23889-x
McGraw Hill

Required Materials

Calculator, Laptop or notebook computer with Microsoft Word and Excel

Suggested Course Materials
Suggested Readings/Texts
     None

Suggested Materials
     None

Assignments & Academic Calendar

Week	Date	Topic	Reading	Assessment / Activity
1	1/17 – 1/20	Introduction to Operations and Supply Chain Management	Chapter 1	Problems & Questions
2	1/23 – 1/27	Productivity, Competitiveness and Strategy	Chapter 2	Problems & Questions
3	1/30 – 2/3	Strategic Capacity Planning for Products and Services	Chapter 5	Problems & Questions
4	2/6 – 2/10	Process Selection and Facility Layout	Chapter 6	Problems & Questions
5	2/13 – 2/17	Management of Quality	Chapter 9	Problems & Questions
6	2/20 – 2/24	Quality Control	Chapter 10	Problems & Questions
7	2/27 – 3/3	Exam Review & Exam		Midterm Exam Review
8	3/6 – 3/10	Project Management	Chapter 17	Problems & Questions
9	3/13 – 3/17	Spring Break – No Class		
10	3/20 – 3/24	Inventory Management	Chapter 12	Problems & Questions
11	3/27 – 3/31	Supply Chain Management	Chapter 15	Problems & Questions
12	4/3 – 4/7	Bullwhip Effect & Supply Chain Coordination	Chapters 12 and 15	
13	4/10 – 4/14	Assessment Quiz Review & View Pre-recorded AQ Videos		AQ Review and Videos
14	4/17 – 4/21	Assessment Quiz		
15	4/24 – 4/28	Lean Operations	Chapter 14	Discussion Questions
16	5/1 – 5/5	Exam Review		Final Exam Review
17	5/8 – 5/12	Final Exam Week		

Grading Policy
Your professor will award + grades but not – grades at the end of the semester. For example, a student may receive a B+ or B but not a B-. The break points between A+ vs A, B+ vs B cannot be determined until all grades have been posted at the end of the semester. Your instructor will change a final letter grade if a calculation error is made. Therefore, your instructor requests students to NOT request a final letter grade change or any special consideration or additional extra credit assignments.

Weights

Midterm Exam	40%
Assessment Quiz	10%
Final Exam	40%
Class Participation	10%
Total	100%

Grading Scale

Semester Average	Letter Equivalent
97.5 - 100	A+
90 - 97	A
87.5 - 89	B+
80 - 87	B
77.5 - 79	C+
70 - 77	C
60 - 69	D
Less than 60	F

Course Policies

Make-up exams
Students are expected to take exams on the scheduled dates. Make up exams will only be available due to conflicts with approved university events or in the case of serious illness.

Extra Credit
There will not be many Extra Credit opportunities. Extra credit opportunities will be announced during the semester, if warranted, at instructor's discretion.

Late Work
There will be a 24-hour grace period to submit deliverables after the due date/time. However, there will be a 10% reduction in grade for submitting deliverables during the grace period. After the 24-hour grace period no overdue work will be accepted.

Assessment Quiz
OPRE 3310 is a core course taken by all undergraduate students. As such each student taking the course this semester will take an assessment quiz which is intended to

measure the uniformity of learning across all sections. Your instructor will provide additional specific information as the semester progresses.

Special Assignments
N/A

Class Materials
The instructor may provide class materials that will be made available to all students registered for this class as they are intended to supplement the classroom experience. These materials may be downloaded during the course, however, these materials are for registered students' use only. Classroom materials may not be reproduced or shared with those not in class, or uploaded to other online environments except to implement an approved Office of Student AccessAbility accommodation. Failure to comply with these University requirements is a violation of the Student Code of Conduct.

Class Attendance
Regular and punctual class attendance is expected. Students who fail to attend class regularly are inviting scholastic difficulty. Any student that misses a class meeting is required to notify the instructor via e-mail, preferably in advance of the class meeting; but no later than 24-hours after the missed class.

Class Participation
Regular class participation is expected regardless of course modality. Students who fail to participate in class regularly are inviting scholastic difficulty. A portion of the grade for this course is directly tied to your participation in this class. It also includes engaging in group or other activities during class that solicit your feedback on **course**work, readings, or materials covered in the lectures. Class participation is documented by faculty. Successful participation is defined as consistently adhering to University requirements, *as presented in this syllabus. Failure to comply with these University requirements is a violation of the Student Code of Conduct.*

Students are encouraged to participate in all class activities such as discussion of topics/subjects of the course, current events related to the topics of the course, etc. Your instructor communicates weekly with students during lectures and with eLearning messages. You should check for new eLearning messages, announcements and discussion posts every day. Attentive participation and informed discussions are critical to the learning process; they make classes more interesting and enjoyable for all the students. Students are expected to come prepared to class, to participate, to ask questions, and to volunteer substantive comments freely. Preparation for class includes assigned readings, some problem solving or special preparation work, and some submissions to eLearning prior to class. It may also include participating in online discussions.

Technical Requirements
In addition to a confident level of computer and Internet literacy, certain minimum technical requirements must be met to enable a successful learning experience. Please review the important technical requirements http://www.utdallas.edu/elearning/students/getting-started.html#techreqs on the Getting Started with eLearning webpage http://www.utdallas.edu/elearning/students/getting-started.html

Class Recordings

Class modality is face-to-face classroom instruction. MS Teams streaming and recording is not planned.

Students are expected to follow appropriate University policies and maintain the security of passwords used to access recorded lectures. Unless the Office of Student AccessAbility has approved the student to record the instruction, students are expressly prohibited from recording any part of this course. Recordings may not be published, reproduced, or shared with those not in the class, or uploaded to other online environments except to implement an approved Office of Student AccessAbility accommodation. Failure to comply with these University requirements is a violation of the [Student Code of Conduct](#).

Classroom Citizenship

Use of phones and laptops in class can be distracting to others. Phone and laptop use shall be closely controlled and limited as follows:

- Phones – please put on vibrate and refrain from answering them except in an emergency. Take emergency calls outside the classroom.
- Phones – do not text in class. Do not use email in class. Do not browse the web in class.
- Laptops – use your laptop to take notes and participate in assignments only. Same restrictions of use apply – no email, no web browsing unless specific to class assignment.

Course Access and Navigation

The course can be accessed using the UT Dallas NetID account at: https://elearning.utdallas.edu Please see the course access and navigation at: http://www.utdallas.edu/elearning/students/getting-started.html#courseaccessandnav section of the site for more information.

To become familiar with the eLearning tool, please see the Student eLearning Tutorials http://www.utdallas.edu/elearning/students/eLearningTutorialsStudents.html UT Dallas provides eLearning technical support 24 hours a day/7 days a week. The eLearning Support Center http://www.utdallas.edu/elearninghelp services include a toll free telephone number for immediate assistance (1-866-588-3192), email request service, and an online chat service.

Communication

This course utilizes online tools for interaction and communication. Some external communication tools such as regular email and a web conferencing tool may also be used during the semester. For more details, please visit the eLearning tutorials webpage http://www.utdallas.edu/elearning/students/eLearningTutorialsStudents.html for video demonstrations on eLearning tools. Student emails and discussion board messages will be answered within 3 working days under normal circumstances.

Comet Creed

This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:

"As a Comet, I pledge honesty, integrity, and service in all that I do."

Academic Support Resources

The information contained in the following link lists the University's academic support resources for all students.

Please see http://go.utdallas.edu/academic-support-resources.

UT Dallas Syllabus Policies and Procedures

The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus. Please review the catalog sections regarding the credit/no credit or pass/fail grading option and withdrawal from class.

Please go to http://go.utdallas.edu/syllabus-policies for these policies.

The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.