OPRE 3310.006 Course Syllabus

Course Information

Course Number/Section	OPRE 3310.006
Course Title	Operations Management
Term	Spring 2022, Tue/Th 11.30 -12.45 AM, JSOM 12.214

Professor Contact Information

Professor	Dr. Ramesh Subramoniam
Office Phone	972 883 4773
Professor communication	Use eLearning messages for communication
Office Location	JSOM 2.410
Professor Online Office Hours	3.30 – 4.30 PM Tuesday
Instruction Modality	

TA Contact Information

TA	Sarang Selukar
TA communication	Use eLearning messages for communication
TA Online Office Hrs	TBD

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

MATH 1326 or MATH 2 MATH 1326 or MATH 2414 or MATH 2419 and MATH 2333 or MATH 2418 or CS 2305 or OPRE 3333. Prerequisite or corequisite: STAT 3360 or OPRE 3360.

Course Description

This course teaches concepts useful in efficiently managing the transformation of materials, labor, and capital into products or services. Topics covered include: the role of operations management in overall competitive strategy, key performance measures, and tools for improving operations performance. 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 operations management plays in business processes.
Upon completion of the course, students will also be able to:
- Quantitatively analyze and interpret operations information
- Solve typical operations management problems
- Document and report operations performance
- Recognize and address ethical issues that arise when managing operations

Required Textbooks and Materials

Required Texts
Operations Management by William J. Stevenson, 14th Edition
Irwin/McGraw Hill

Required Materials
Harvard Business Review Course pack
https://hbsp.harvard.edu/import/904736

Textbooks and some other bookstore materials can be ordered online or purchased at the UT Dallas Bookstore.

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 on the Getting Started with eLearning webpage.

Course Access and Navigation
This course can be accessed using your UT Dallas NetID account on the eLearning website.

Please see the course access and navigation section of the Getting Started with eLearning webpage for more information.

To become familiar with the eLearning tool, please see the Student eLearning Tutorials webpage.

UT Dallas provides eLearning technical support 24 hours a day, 7 days a week. The eLearning Support Center includes 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 Student eLearning Tutorials webpage for video demonstrations on eLearning tools.

Student emails and discussion board messages will be answered within 3 working days under normal circumstances.

Distance Learning Student Resources
Online students have access to resources including the McDermott Library, Academic Advising, The Office of Student AccessAbility, and many others. Please see the eLearning Current Students webpage for more information.

Server Unavailability or Other Technical Difficulties
The University is committed to providing a reliable learning management system to all users. However, in the event of any unexpected server outage or any unusual technical difficulty which prevents students from completing a time sensitive assessment activity, the instructor will provide an appropriate accommodation based on the situation. Students should immediately report any problems to the instructor and also contact the online eLearning Help Desk. The instructor and the eLearning Help Desk will work with the student to resolve any issues at the earliest possible time.

Academic Calendar

WEEK/ DATES	TOPIC/LECTURE	READING	ASSESSMENT / ACTIVITY	DUE DATE
1 01/18, 01/20	Unit 1	Chapter 1	01/18 Intro to course in class. Chapter 1 01/20 Chapter 1	
2 01/25, 01/27	Unit 2	Chapter 2	01/25 Chapter 2 01/27 Hazel Case (Text) Discussion in class (Business Writing Exercise – team work)	01/30 (Sun) 11.59 PM Business Writing Exercise Submission
3 02/01, 02/03	Unit 3	Chapter 3	02/01 Do productivity problems in class 02/03 Forecasting 02/08 Do Forecasting problems in class	
4 02/08, 02/10	Forecasting, Exam 1 Review	Chapter 3	Homework 1 (Forecasting)	02/13 (Sun) 11.59 PM
5 02/15	Exam 1	Chapters 1, 2 and 3	Bring calculator No scantron	02/15 Exam 1
6 02/17, 02/22	Unit 4	Chapter 9	02/17 Quality Mgt 02/22 Quality Control	
7 02/24, 03/01	Unit 4/Unit 5	Chapters 9 and 10	02/24 Do QC problems in class 03/01 Agile Electric Case Discussion in class (HBR)	03/01 Case discussion
8 03/03, 03/08	Unit 5	Chapter 15	03/03 Supply Chain Management Homework 2 (Quality Control)	03/06(Sun) 11.59 PM
9 03/08, 03/10	Unit 6/Exam 2 Review	Chapter 15	03/08 Apple Case (HBR) discussion in class 03/10 Exam review & QC problems in class	03/08 Case discussion

WEEK/ DATES	TOPIC/LECTURE	READING	ASSESSMENT / ACTIVITY	DUE DATE
03/22	Exam 2	Chapters 9, 10 and 15	Bring calculator No scantron	03/22 (Tue) 8.30 AM – 9 PM
12 03/24, 03/29	Unit 7/ Assessment Quiz Review	Chapter 12, Inventory Management	03/24 Inventory Management 03/29 Do inventory management problem in class HW 3 (Inventory Management)	04/03(Sun) 11.59 PM
13 03/31, 04/05	Unit 7	Chap 12, Inventory Management	03/31 Do inventory mgt problems 04/05 Assessment quiz	04/05 (Tu) 1 -2 PM
14 04/07, 04/12	Unit 8, Unit 9	Chapter 11, Aggregate Planning Chapter 13, MRP/ERP	04/07 Aggregate Planning 04/12 MRP/ERP	
15 04/14, 04/19	Unit 10	Chapter 13, MRP/ERP	04/14 MRP/ERP 04/19 MRP/ERP problems in class	
04/28, 05/03		Chap 14, Lean/JIT	04/28 Lean Chap 14 05/03 Lean Case (Kokomo)	
05/05			05/05 Exam Review	
16 05/10	Exam 3	Chapters 11, 12, 13 and 14	Bring calculator No scantron	05/10 (Tue)

Grading Policy

Assignments/Exams	Points	Percentage
Homework (3 assignments)	15	15%
Exam 1	20	20%
Exam 2	20	20%
Exam 3	20	20%
Assessment Quiz	10	10%
Case Discussions in class & graded based on participation	15	15%

Assignments/Exams	Points	Percentage
(2 HBR cases and 1 business writing exercise)		
Total	100	100%

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
Homework Assignments
There will be 3 homework assignments, 2 HBR case reviews and 1 business writing exercise. Homework assignments are individual and case reviews by teams. To receive full credit, you must submit the assignment and case reviews through e-learning on or before the due date/time. You are encouraged to use Excel graphs and formulas on the homework assignments to boost your skill in this very important tool.
When completing homework problems, you MUST show how you arrived at the answer. Don't just write the answer.

Late Work
Hands-on exercises may be submitted within 24 hours of the due date. However, a 15% reduction in grade will be assessed. After the 24 hour grace period there is no opportunity to submit assignments and the student will receive a zero grade.

Group Projects
Case reviews (Hazel case from the Text book and 2 Harvard Business Review cases). The cases will be discussed in class and graded based on participation in the class.

Assignment submission instructions
Students are expected to submit the case reviews (Teams) and assignments on time as defined in the syllabus. Locate the assignment in your eLearning course. You will submit your assignments in the required file format with a simple file name and a file extension.
To submit your assignment

- Click the assignment name link and follow the on-screen instructions
- Upload (attach) your file(s).
- Click the Submit button. (**NOTE: IF YOU DO NOT CLICK SUBMIT YOU HAVE NOT SUBMITTED YOUR ASSIGNMENT).**

You must click the SUBMIT button for your assignment to be submitted. For additional information on how to submit assignments, view the [Submitting An Assignment video tutorial](#).

Please Note: Each assignment link will be deactivated after the assignment due time. After your submission is graded, you may go to My Grades on the course menu and click the score link to check the results and feedback.   Your homework should be graded on a scale of 0-100 points.

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."

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.

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](#).

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Classroom Conduct Requirements Related to Public Health Measures

UT Dallas will follow the public health and safety guidelines put forth by the Centers for Disease Control and Prevention (CDC), the Texas Department of State Health Services (DSHS), and local public health agencies that are in effect at that time during the Fall 2021 semester.

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Class Attendance

The University's attendance policy requirement is that individual faculty set their course attendance requirements. Regular and punctual class attendance is expected. Students who fail to attend class regularly are inviting scholastic difficulty. In some courses, instructors may have special attendance requirements; these should be made known to students during the first week of classes.

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Class Participation

Regular class participation is expected. 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 homework assignments, readings, or materials covered in the lectures (and/or labs). 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.

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Class Recordings

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.

NOTE: if the instructor records any part of the course, then the instructor will need to add the following syllabus statement:

The instructor may record meetings of this course. These recordings will be made available to all students registered for this class if the intent is to supplement the classroom experience. If the instructor or a UTD school/department/office plans any other uses for the recordings, consent of the students identifiable in the recordings is required prior to such use unless an exception is allowed by law.

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Off-campus Instruction and Course Activities
(Below is a description of any travel and/or risk-related activity associated with this course.)

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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.

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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.