

Online/Blended Course Syllabus

Course Information

<i>Course Number/Section</i>	OPRE 3310-0W1
<i>Course Title</i>	Supply Chain and Operations Management
<i>Term</i>	Spring 2023

Professor Contact Information

<i>Professor</i>	Gene Deluke
<i>Office Phone</i>	NA
<i>Other Phone</i>	214-412-9885 (cell)
<i>Email Address</i>	Use elearning messages
<i>Office Location</i>	Online Office Hours
<i>Online Office Hours</i>	Thursdays 7-8pm or by appointment
<i>TA Information</i>	NA

About the Instructor

Gene Deluke was a full time Senior Lecturer in the Jindal School of Management from 2005 to 2018. He retired as a full-time faculty member in December 2018. He continues his relationship with the Jindal School as an adjunct faculty member. Prior to joining UTD he worked in industry for 30+ years gaining experience in Operations and Supply Chain Management as well as a Information Systems Manager and a Senior Consultant.

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 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 topics covered 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 (hard copy) or

ISBN 9781266083648 - Stevenson Operations Mgmt 14e Access Code \$85 net

Publisher: Irwin/McGraw Hill

Required Materials

Calculator (any)

Suggested Course Materials

Suggested Readings/Texts

None

Suggested Materials

None

Course Policies

Makeup Exams

Students are expected to take exams on the scheduled dates and times unless an unavoidable conflict has arisen. Make up exams will be available due to conflicts with approved university events or in the case of serious illness or unavoidable conflicts.

Extra Credit

There will be multiple opportunities for students to earn extra credit. However, there will be restrictions on how much extra credit a student may earn. Therefore, you are encouraged to study and prepare for the major exams. Extra credit opportunities will be announced during the semester. Extra credit work is considered individual work not group work. If evidence of group activity is found the extra credit assignment will not be graded and you may also be referred to Academic Affairs for possible academic dishonesty violations. Your instructor is available to answer questions or provide guidance for extra credit work. Please do not be shy in asking for help.

McGraw Hill Connect

This semester you will use the McGraw Hill Connect add-on product to our elearning system. The Connect product has many useful benefits for students but for this section the primary benefit will homework assignments. Students will complete each homework assignment and Connect will automatically grade it. **CONNECT IS A HARD REQUIREMENT FOR EACH STUDENT NOT VOLUNTARY. THE LICENSE FEE IS \$85 AND THE FEE ALSO INCLUDES A FREE E-TEXT BOOK.** Instructions will be given for enrolling in the Connect product.

Web Conferences

Your instructor will schedule several web conferences during the semester. The Academic Calendar in this syllabus shows the dates and times for each web conference. You are encouraged and rewarded with participation extra credit points for attending the live session. The meetings will be recorded for any students who were unable to attend the live conference.

Class Participation

Students may earn extra credit points through various participation activities during the semester. Participation activities include: 1) voluntary self-introduction, 2) attendance at live web conferences, 3) attendance at office hours, 4) thoughtful responses to Critical Thinking Discussion Questions, 5) completing designated LinkedIn courses and 6) private Team meeting with instructor. The specifics for earning the participation extra credit points will be explained during the Semester Kickoff Web Conference and also through instructor messages. You should check for new e-learning messages, announcements at least once every week.

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#techregs> on the Getting Started with eLearning webpage <http://www.utdallas.edu/elearning/students/getting-started.html>.

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 <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 elearning messages 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 page <http://www.utdallas.edu/elearning/students/cstudents.htm> for details.

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 <http://www.utdallas.edu/elearninghelp>. The instructor and the eLearning Help Desk will work with the student to resolve any issues at the earliest possible time.

Assignments & Academic Calendar

UNIT/ DATES	TOPIC/LECTURE	READING	ASSESSMENT / ACTIVITY	DUE DATE
1 1/17-1/20	Unit 1 Intro to Supply Chain Management (SCM)	Chapter 15	Syllabus quiz Student Self-Introduction Academic Integrity Quiz	1/30 at 11:59pm 2/17 at 11:59pm 2/13 at 11:59pm
2 1/23-1/27	1/24 SEMESTER KICKOFF WEB CONFERENCE 7-8PM			
2 1/23-1/27	Unit 2 – Introduction to Operations Management (OM)	Chapter 1	Extra Credit In-N-Out Burger Practicum	5/5 at 11:59pm
3 1/30-2/3	Unit 3 Competitiveness, Strategy, Productivity	Chapter 2	Homework 1	2/3 at 11:59pm
4 2/6-2/10	Unit 4 Management of Quality	Chapter 9	Extra Credit Quality Management Practicum	5/5 at 11:59pm
4 2/6-2/10	2/9 EXAM 1 REVIEW 7-8pm WEB CONFERENCE			

5 2/13-2/17	2/15 Exam 1, 6-8pm Units 1 thru 4 with Honorlock Closed book/notes with allowed formula sheet			
5 2/13-2/17	Unit 5 Quality Control	Chapter 10	Homework 2	2/24 at 11:59pm
6 2/20-2/24	Unit 5 Quality Control	Chapter 10	Homework 2	2/24 at 11:59pm
7 2/27-3/3	Unit 6 Strategic Capacity Planning	Chapter 5		
8 3/6-3/10	Unit 7 Process Selection and Facility Layout	Chapter 6	Homework 3 Extra Credit – Subway Sandwich Line Balance Practicum	3/24 at 11:59pm 5/5 at 11:59pm
9 3/13/-3/17	Spring Break No Classes			
10 3/20-3/24	Unit 7 Process Selection and Facility Layout	Chapter 6	Homework 3	3/24 at 11:59pm
10 3/20-3/24	3/23 EXAM 2 REVIEW 7-8pm WEB CONFERENCE			

11 3/27-3/31	Unit 8 Bullwhip Effect & Supply Chain Coordination	Chapter 15		
11 3/27-3/31	3/29 Exam 2, 6-8pm Units 5 thru 7 with Honorlock Closed book/notes with allowed formula sheet	Bring calculator		
12 4/3-4/7	Unit 9 Inventory Management	Chapter 12	Homework 4	4/14 at 11:59pm
13 4/10-4/14	Unit 9 Inventory Management	Chapter 12	Homework 4	4/14 at 11:59pm
13 4/10-4/14	VIEW ASSESSMENT QUIZ PRE-RECORDED VIDEOS PARTS A, B, C, D			
14 4/17-4/21	4/19 Assessment Quiz, 6- 8pm, Unit 9 with Honorlock Open book/notes with allowed formula sheet	Bring calculator		
15 4/24-4/28	Unit 10 Lean Operations	Chapter 14	Homework 5	4/28at 11:59pm
15 4/24-4/28	4/27, 7-8pm EXAM 3 REVIEW WEB CONFERENCE			
16 5/1-5/5	Unit 11 – Project Management	Chapter 17		
17 5/8-5/12	Exam 3 5/8, 6-8pm, Units 8 thru 11 with Honorlock Closed book/notes with allowed formula sheet	Bring calculator		

Major Exam Procedures

The UTD Testing Center will be open this semester but since online classes are allowed to use the Honorlock Proctoring system we will use it this semester. Therefore, you will take the exams and quizzes online and taken at a location of your choice. You should make a special effort to use a location with a strong internet connection and appropriate noise level.

All three major exams will be closed book, closed notes with allowed formula sheet furnished by instructor. The Assessment Quiz will be open book and notes with allowed formula sheet furnished by instructor. Students are also allowed one blank sheet of 8x11 scratch paper and a calculator or their choice. Students are not allowed to access the internet or use Excel or any MS Office application during the exam. See the Academic Calendar for the specific day and times of exams and the assessment quiz. You may begin the exam at any time during the available time interval (6:00pm-8:00pm) and still receive the full allotted time. Your instructor understands some students may not be available to take the exam during this time interval due to class conflicts or work schedules. These students should contact your instructor to arrange an alternate testing time. Your instructor prefers that you take the exams earlier rather than after the designated day and time interval. Any student who qualifies for testing accommodations will receive their extended time.

Office Hours

Office hours will be conducted using Microsoft Teams. Students are encouraged to join office hour sessions for any questions or concerns related to homework assignments, exams or any other matter they wish to discuss with the instructor. Your instructor normally does not do any presentations during office hours so just join the session if you have any questions, concerns or issues to discuss. If you have a private issue to discuss you should request a private meeting.

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-. Your instructor will only change a final letter grade if a calculation error occurs. Therefore, your instructor asks students to NOT request a final letter grade change (unless a calculation error has occurred) or any special consideration or additional extra credit assignments.

Weights

Homework Avg (5 assignments)	15	%
Exam 1	25	%
Exam 2	25	%
Exam 3	25	%
Assessment Quiz	10	%
Total	100	%

Grading Scale

Semester Average	Letter Equivalent
97.5-100	A+
90-97.4	A
87.5-89.9	B+
80-87.4	B
77.5-79.9	C+
70-77.4	C
60-69.9	D
Less than 60	F

Homework Assignments

There will be 5 graded homework assignment using the McGraw Hill Connect System. To receive full credit you must submit the assignment on or before the due date/time. Late submissions are not allowed. Homework assignments will be automatically graded by the Connect System and your grade for the assignment will be instantaneously displayed to you. The correct solution to the assignment will become visible after the due date/time. The following are policies related to homework: 1) no time limits, 2) you may save partially completed work and return later, 3) one “check answer” is allowed for each question, 4) use of the “e-book” is allowed with no grade penalty. Any partially completed assignment will be automatically submitted for grading on the due-date/time.

Academic Dishonesty

Your instructor takes academic dishonesty very seriously. **Students are required to take the Academic Integrity Quiz prior to the first exam.** Students are allowed to work in small groups on homework assignments but each student must write his/her own assignment. Extra credit assignments are considered individual assignments and group work is not allowed. If potential academic dishonesty is observed your instructor will make a referral to the Office of Academic Affairs. The Office of Academic Affairs will then contact the student(s) involved and invite them to present their perspective of the facts. The Office of Academic Affairs will then decide on whether academic dishonesty did or did not occur. If they decide academic dishonesty occurred, they will determine the consequences or sanctions. Your instructor will follow the sanctions as defined by Academic Affairs. If a student disagrees with the conclusion of Academic Affairs and/or sanctions the student may appeal and the appeal process will be initiated. If the appeal process is not completed at the time grades are due your instructor will enter a grade of NR until the appeal process is completed and will assign the final grade when the appeal process is completed.

Group Projects

None

Assignment submission instructions

Locate the assignment with the Assignments link or Assignments folder on the course homepage. For Connect homework assignments just click the link and begin to assignment. For extra credit assignments download the attached file, read the instruction, complete the assignment and then attached the file with deliverables and submit. For extra credit assignments attaching a file DOES NOT AUTOMATICALLY SUBMIT. YOU MUST CLICK THE SUBMIT BUTTON.

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 no later than two weeks after submission.

Students with disabilities:

"It is the policy and practice of The University of Texas at Dallas to make reasonable accommodations for students with properly documented disabilities. However, written notification from the Office of Student AccessAbility (OSA) is required. If you are eligible to receive an accommodation and would like to request it for this course, please discuss it with me and allow one-week advance notice. Students who have questions about receiving accommodations, or those who have, or think they may have, a disability (mobility, sensory, health, psychological, learning, etc.) are invited to contact the Office of Student AccessAbility for a confidential discussion. OSA is located in the Administration Building, suite 2.224. They can be reached by phone at 972- 883-2098, or by email at studentaccess@utdallas.edu.

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.

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.