



Operational Models for Supply Chain Management

OSCM 4375 Spring 2021



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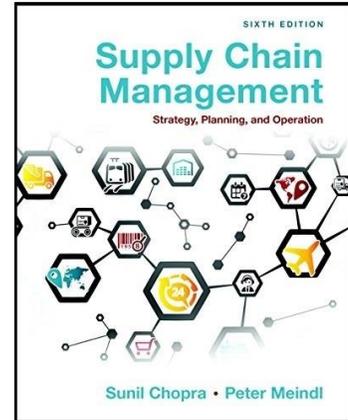
Class Hours: 100% online, asynchronous

Office Hours: TWR 8:00-10:15 a.m. or by appointment

Required Textbook:

Supply Chain Management: Strategy, Planning, and Operations, by Sunil Chopra and Peter Meindl, Prentice Hall, 6th edition

ISBN: 9780133800203



Welcome to the undergraduate Operational Models for Supply Chain Management Course. Official information for OSCM 4375, including grades, will be posted on Blackboard. You are responsible for reading and responding to Blackboard “Announcements”, “Assignments”, “Assessments”, and any other information concerning this course - check your Blackboard account daily!

Course description (*From Goldmine*)

An examination of some of the major operational concepts and issues relating to the flow of materials, goods, services, and information through a company's supply chain-the network of organizations that supply and transform materials and distribute final products to customers. The course seeks to provide an understanding of the importance of individual components (suppliers, manufacturers, distributors, and customers) in the operation of the supply chain. It will emphasize inventory-service level tradeoffs, risk pooling, and other operational concerns. Some of the more recent approaches designed for the effective and efficient operation of the supply chain will be discussed.

Prerequisites: OSCM 3321, QMB 3301 and CIS 3345.

Objectives:

At the completion of this course students will be able to:

1. Identify the global trends in Supply Chain Models.
2. Define the individual components in the operations of the supply chain.
3. Explain the inventory-service level tradeoffs.
4. Describe how to manage risk pooling.
5. Explain the implementation issues associated with supply chain modeling.
6. Define the key design issues associated with supply chain modeling.
7. Define the key factors for assessing supply chain models.
8. Describe the analysis and assessment of supply chain models.

Lectures

Important material from the textbook, reference books, case studies, multimedia sources, and homework problem examples will be covered in class lectures. This class is 100% online, so class lectures will be delivered through short 10-15 minute lecture videos posted on Blackboard in the Lecture Videos content area. The detailed class outline, at the end of this syllabus, shows you exactly what activity and book chapters will be covered during each week of the entire semester session. I strongly recommend that you view and understand the lecture videos associated with each day in the outline, on that particular day, to stay on top of all the material that you will need to master for each exam. You should plan to read a lot and take careful lecture notes. Discussion and engagement with your classmates is strongly encouraged about the topics being covered, through regular discussion board assignments. **Please make sure that your computer can run a recent version of Microsoft Excel – this will be required for homework!**



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Regular Exams

There will be three regular, non-comprehensive exams that cover class materials and chapters in the textbook and other materials, taught up to the date of the last class before the exam. Exams will generally be available for 24 hours, beginning on the date specified in the class outline. You may take an exam anytime during that 24-hour period. You must use Respondus Lockdown Browser to take exams, and have a working webcam and microphone on the computer you are using. Respondus Monitor will be enabled and will be recording everything you do and say during your exam session. You will have 90 minutes to take exams. You can save and exit the exam if you have some kind of issue or technology problem, but the 90-minute timer will keep running. Even if you have some kind of problem with your computer or Internet connection, your answers will be saved, and you'll have plenty of time to restart and reenter the exam. You must complete the exam within 90 minutes of the time you started it, including any interruptions. There are no make-up exams.

How we will Communicate:

I will communicate with you through Blackboard announcements, global emails sent to the whole class and virtual office hours via Blackboard Collaborate. I may reach out to you via a voice call for something urgent. Your best way to communicate directly with me is via email to msgarcia4@utep.edu. I teach many classes and have many students, so please identify your **course number** and a **message topic** clearly in the Subject line of your email. A good example email Subject line would be:

Subject: OSCM 4375 – Question about Exam 1 Grades

If you do not include this information in the Subject line of your message, it may significantly delay my response. I will do my best get back to you within 1 business day.

Netiquette Guidelines:

Netiquette is a set of rules for behaving properly online. We must establish and maintain a safe online learning environment. All opinions and experiences, no matter how different or controversial they may be perceived, must be respected in a tolerant spirit of academic discourse. You are encouraged to comment, question, or critique an idea but you are not to dismiss or attack any individual. Working as a community of learners, we will build a polite and respectful course community.

The following netiquette tips will enhance the learning experience for everyone in this course:

- Do not dominate any discussion.
- Give other students the opportunity to join in the discussion.
- Do not use offensive language. Present ideas appropriately and professionally.
- Be cautious in using Internet language. For example, do not capitalize all letters since this suggests shouting. Popular emoticons, such as 😊, can be helpful to convey your tone but do not overdo or overuse them.
- Avoid using vernacular or slang language. This could possibly lead to misinterpretation.
- Never make fun of someone's ability to read or write.
- Share tips with other students.
- Keep an "open-mind" and be willing to express even your minority opinion. Minority opinions will be respected.
- Think, pause, and edit before you push the "Send" button.
- Do not hesitate to ask for feedback.
- Be careful using humor – your perception of what is funny may be very different from someone else's.



Grading Policy:

10 %	First Regular Exam	A =	numerical grade ≥ 90
15 %	Second Regular Exam	B =	$80 \leq$ numerical grade < 90
15 %	Third Regular Exam	C =	$70 \leq$ numerical grade < 80
15 %	Final Exam	D =	$60 \leq$ numerical grade < 70
10 %	Attendance and Punctuality	F =	numerical grade < 60
35 %	Homework, Quizzes and other Assignments		

COURSE POLICIES

1. Electronic Devices

All electronic devices (cell phones, tablets, camera containing devices, etc.) should be completely turned off during exams and should not be in the hands of students at any time during an exam. There will be absolutely no texting, phone calls, or social media interaction during exams. Such activity will be captured and recorded by Respondus Monitor and will constitute grounds for disqualifying an exam attempt, resulting in a grade of zero.

2. Academic Integrity

Cheating is unethical and unacceptable. Using information or original wording in a paper, assignment or discussion board without giving credit to the source of that information or wording is plagiarism, and is absolutely unacceptable. Do not submit work under your name that you did not do yourself. You may not submit work for this class that you did for another class. If you are found to be cheating or plagiarizing, you will be subject to disciplinary action, per UTEP catalog policy. Refer to <https://www.utep.edu/student-affairs/osccr/student-conduct/academic-integrity.html> for further information.

3. Participation and Engagement

Just as it would be in a face-to-face class setting, your personal participation and engagement in class activities is essential to your success in this class, and will be worth 10% of your overall grade. Your level of participation and engagement will be determined by:

- Completion of all class assignments
- Completion and level of engagement demonstrated in class discussion board posts
- Viewing of lecture video series as determined by “Lecture Keys.”

In each video lecture series (one associated with each text chapter), I will embed or mention a Lecture Key – a word, phrase or number, that is unique to that lecture series, at some random point in the lecture. I will post assignments calling for those lecture keys, as part of your participation and engagement score.

4. Homework

There will generally be one homework assignment for each text chapter, taken from material previously covered in class. Please note that you should complete and turn in homework exclusively through Blackboard. Homework will not be accepted via hardcopy, email, or text messages and cannot be turned in after its due date. If you expect to be out-of-pocket, make sure you will be able to do the homework before its due date. No late assignments will be accepted. Unless specifically stated otherwise in a homework assignment, all homework is a strictly individual, non-group, non-collaborative task.



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5. Quizzes

There will generally be one short reading quiz for each text chapter, taken from material that will be covered in the days to follow. These reading quizzes are structured to compel and reward you for reading ahead in the text in preparation for upcoming lectures. Reading quizzes will be administered through Blackboard.

6. Need for Assistance

If you have a disability and need classroom accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the Center for Accommodations and Support Service (CASS) website at <https://www.utep.edu/student-affairs/cass/>

7. Other Student Services

University Writing Center: <http://uwc.utep.edu/index.php>

Sexual Harassment Guide for students: <https://www.utep.edu/titleix/Filing-a-Complaint.html>

University Counseling Center: <https://www.utep.edu/student-affairs/counsel/>, 747-5302, 202 Union West; walk-ins encouraged.

Student Health and Wellness Center: <https://www.utep.edu/chs/shc/>, 747-5624. Many services free to students paid for through student health fee.

Student Engagement and Leadership Center: <https://www.utep.edu/student-affairs/selc/>, 106 Union West, 747-5670. Includes study space with workstations; family friendly room with lactation space.

University Career Center: <https://www.utep.edu/student-affairs/careers/>, 103 Union West, 747-5640.

Mine Tracker: <https://minetracker.utep.edu/>. Events, news and organizations.

8. Campus Carry:

Persons who hold a Concealed Handgun License can lawfully carry their gun into a UTEP classroom as long as it remains concealed. Open carry remains prohibited on campus. Should you feel someone is intentionally displaying a gun (or any other weapon for that matter), do not hesitate to call Campus Police (ext. 5611) or 911. For information on campus concealed carry, see <https://www.utep.edu/campuscarry/>. For more information on overall campus safety, see:

<https://www.utep.edu/student-affairs/dean-of-students-office/student-emergency/index.html>

Please note that the GBC is a designated Campus Carry Exclusion Zone – a property leased by the University which has existing tenant leases prohibiting weapons. For more on Exclusion Zones see: <https://www.utep.edu/campuscarry/exclusion-zones/index.html>

9. Student Responsibility

Individual students must operate with integrity in their dealings with faculty and other students; engage learning materials with appropriate attention and dedication; maintain engagement when challenged by difficult learning activities; contribute to the learning of others; and perform to standards set by the faculty.



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Please see detailed class outline, beginning on the following page. It is a good idea to print this outline, double-sided, on a single page, and carry it with you at all times so you'll know what we are going to be doing on a particular day in class. Please note that all the exams are pre-scheduled on very specific dates that cannot change – so plan your personal activity accordingly and well in advance, **as there are no makeup exams, and late work is not accepted.**

COVID-19 Precautions and Requirements:

This class is 100% online, asynchronous and remote and you are not currently required be on campus for anything related to this course. However, you may have the occasion to come to campus for some reason (e.g. to visit the library), so you must be aware of UTEP's COVID-19 policies and requirements. It is also possible that conditions and restrictions may change over the course of the semester, and we all need to be prepared for the time when on-campus operations and activity may begin to resume.

You must **STAY AT HOME** and **REPORT** if you (1) have been diagnosed with COVID19, (2) are experiencing COVID-19 symptoms, or (3) have had recent contact with a person who has received a positive coronavirus test. Reports should be made at <https://adminapps.utep.edu/screening/Home/Launch>. If you know anyone who should report any of these three criteria, encourage them to report. If the individual cannot report, you can report on their behalf by sending an email to COVIDaction@utep.edu.

For each day that you are on campus—for any reason—you must complete the questions on the UTEP screening website (<https://adminapps.utep.edu/screening/Home/Launch>) prior to arriving on campus. The website will verify if you are permitted to come to campus. Under no circumstances should anyone come to campus when feeling ill or exhibiting any known COVID-19 symptoms. Students are advised to minimize the number of encounters with others to avoid infection.

If you are on campus, wear face coverings when in common areas of campus or when others are present. You must wear a face covering over your nose and mouth at all times if you are inside of campus buildings or facilities. If you cannot wear a face mask for medical reasons, please contact the [Center for Accommodations and Support Services \(CASS\)](#) to discuss temporary accommodations for on-campus courses and activities. If you choose not to wear a face covering, you will not be able to enter campus facilities. If you remove your face covering, you will be asked to put it on or leave the facility. Students who refuse to wear a face covering and follow preventive COVID-19 guidelines while on campus will be dismissed from campus activities and will be subject to disciplinary action according to Section 1.2.3 *Health and Safety* and Section 1.2.2.5 *Disruptions* in the UTEP Handbook of Operating Procedures.



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Class Hours: 100% online, asynchronous

Detailed Course Outline:

Week	Day	Date	Subject	Discussion	Comment
1	Mon	Jan 18	No Class	Martin Luther King Holiday	
	Wed	Jan 20	Introduction Reading Quiz 1	Class Introduction and Expectations Chapter 1 on Blackboard	
2	Mon	Jan 25	Chapter 1 Reading Quiz 2	Understanding the Supply Chain Chapter 2 on Blackboard	
	Wed	Jan 27	Chapter 2	Supply Chain Performance	
3	Mon	Feb 1	Chapter 3 Reading Quiz 3	Supply Chain Drivers and Metrics Chapter 3 on Blackboard	
	Wed	Feb 3	Chapter 4	Designing Distribution Networks	
4	Mon	Feb 8	Chapter 4 Reading Quiz 4	Designing Distribution Networks Chapter 4 on Blackboard	
	Wed	Feb 10	Exam #1	One hour exam, covers Chopra Chapters 1-4	Take anytime from Noon, Feb 10 to Noon, Feb 11
5	Mon	Feb 15	Activity Reading Quiz 5	OSCM Leadership Learning Activity Chapter 5 on Blackboard	
	Wed	Feb 17	Chapter 5	Network Design in the Supply Chain	
6	Mon	Feb 22	Chapter 5 Reading Quiz 6	Network Design in the Supply Chain Chapter 6 on Blackboard	
	Wed	Feb 24	Chapter 6	Global Supply Chain Networks	
7	Mon	Mar 1	Chapter 6 Reading Quiz 7	Global Supply Chain Networks Chapter 9 on Blackboard	
	Wed	Mar 3	Chapter 9	Sales and Operations Planning	
8	Mon	Mar 8	Chapter 9 Reading Quiz 8	Sales and Operations Planning Chapter 10 on Blackboard	
	Wed	Mar 10	Chapter 9	Sales and Operations Planning	
9	Mon	Mar 15	No Class	Spring Break	
	Wed	Mar 17	No Class	Spring Break	
10	Mon	Mar 22	Chapter 10 Reading Quiz 9	Coordination in a Supply Chain Chapter 14 on Blackboard	
	Wed	Mar 24	Exam #2	One hour exam, covers Chopra Chapters 5, 6, and 9	Take anytime from Noon, Mar 24 to Noon, Mar 25
11	Mon	Mar 29	Chapter 10 Reading Quiz 10	Coordination in a Supply Chain Chapter 15 on Blackboard	
	Wed	Mar 31	Chapter 14	Transportation in a Supply Chain	



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12	Mon	Apr 5	Chapter 14 Reading Quiz 11	Transportation in a Supply Chain Chapter 16 on Blackboard	
	Wed	Apr 7	Chapter 15	Sourcing Decisions in a Supply Chain	
13	Mon	Apr 12	Chapter 15	Sourcing Decisions in a Supply Chain	
	Wed	Apr 14	Exam #3	90 minute Exam, covers Copra Chapters 10, 14 and 15	Take anytime from Noon, Apr 14 to Noon, Apr 15
14	Mon	Apr 19	Chapter 16 Reading Quiz 12	Pricing and Revenue Management Chapter 17 on Blackboard	
	Wed	Apr 21	Chapter 16	Pricing and Revenue Management	
15	Mon	Apr 26	Chapter 17	Sustainability and the Supply Chain	
	Wed	Apr 28	Chapter 17	Sustainability and the Supply Chain	
16	Mon	May 3	Class Wrap-up	Last Day of Class!	
	Wed	May 5	Final Exam	90 minute Exam, covers Copra Chapters 16, 17 + selected comprehensive questions.	Take anytime from Noon, May 5 to Noon, May 6

Note: This is a tentative syllabus and the Professor reserves the right to make changes at any time.



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Spring 2021 Academic Calendar:

Oct 26th	Spring Registration Begins
Jan 7th	Last Day to Clear Students on Suspension/Probation as well as those with Insufficient Prerequisites
Jan 8th	Drops for Students with Unsatisfactory Academic Standing, Insufficient Prerequisites, and Prior Grades of C in the Course
Jan 11th	Financial Aid is Disbursed
Jan 18th	Dr. Martin Luther King, Jr. Holiday – University Closed
Jan 19th	Spring classes begin
Jan 19th–22nd	Late Registration (Fees are incurred)
Feb 3rd	Spring Census Day Note: This is the last day to register for classes. If payment is not received by this day, students will be dropped.
Feb 15th	20 th Class Day Note: Students who were given a payment deadline extension will be dropped at 5:00 pm if payment arrangements have not been made.
Feb 19th	Graduation application deadline for degree conferral
Mar 21st	Midterm Spring 2021 Grades Due
Mar 15-19th	Spring Break
Mar 26th	Cesar Chavez Holiday – no classes
Apr 1st	Spring Drop/Withdrawal Deadline Note: Student-initiated drops are permitted after this date, but the student is not guaranteed a grade of W. The faculty member of record will issue a grade of either W or F.
Apr 2nd	Spring Study Day
Apr 16th	Deadline to submit candidates' names for degree conferral
May 6th	Spring – Last day of classes
May 7th	Dead day
May 10-14th	Spring Final Exams
May 15-16th	Spring Commencement
May 19th	Grades are Due
May 20th	Grades are posted to student records; students are notified of grades and academic standing
Payment Deadlines	For more information on payment deadlines, visit the Student Business Services Website