

Course Syllabus

Course Information

<i>Course Number/Section</i>	OPRE 4362.001
<i>Course Title</i>	Supply Chain Strategy
<i>Term</i>	Fall 2022
<i>Days</i>	Thursday
<i>Instructional Mode</i>	Traditional – in class
<i>Meeting Time</i>	4:00pm-6:45pm CT
<i>Room</i>	JSOM 11.206

Course Instructor Contact Information

<i>Professor</i>	Naresh Pandey
<i>Office</i>	JSOM 2.104
<i>Office Phone</i>	972-883-4517
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<i>Office Hours</i>	Thursday, 6.45pm-7.45pm – by appointment

Course Description

The success of a product (and a firm) in today's global marketplace depends on activities of firms in the product's supply chain. This course is designed to equip students with necessary skills for the strategic decision-making processes in supply chain management (SCM). In this course, students will learn to evaluate and select appropriate supply chain strategies for dynamic business situations. The course will discuss improvements in the supply chain network planning, distribution strategies to get the product to end-consumer, information technology and related business to support SCM. In addition, sustainability considerations while managing risk in the SCM – to meet strategic and financial goals in demand-driven value networks – will also be discussed. This course expands on previous SCM coursework and its application in supply chain operational setting.

Students successfully completing the course will understand how supply chain strategy is crucial to

- create firm competitive and market positioning.
- create efficient supply chain networks.
- identify and integrate sustainable supply chain management (SSCM) concepts.
- identify, evaluate, and select technology solutions to coordinate and manage the global supply chain, and
- Skills necessary to manage challenges in Global Supply Chains – a practitioner's perspective!

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

Prerequisites: OPRE 3310 or OPRE 3320.

Additionally, you should be comfortable with basic Excel operations.

Course Learning Objectives/Outcomes (Student)

The main learning objective of the course is to provide students with an understanding of the role supply chain strategy plays in business processes to create unique competitive advantages in the marketplace. Additionally, students will also learn how to:

- Assess competitive and risk factors in the management of supply chain uncertainty when solving strategic supply chain problems
- Develop critical thinking skills necessary in strategic supply chain management decision making
- Develop effective communication concepts and skills necessary for the successful dissemination of information at the strategic (executive & stakeholder), tactical (managerial), and operational (employee) levels of the firm.
- Discuss, evaluate, and apply supply chain management theoretical constructs, and their strategic application in industry to positively impact macro/micro supply chain trends
- Employ successful supply chain strategies in the creation of business value benefitting a firm's stakeholders (externally and internally)
- Learn what skills are necessary for a successful Supply Chain career and profession and gain an understanding of the Global Supply Chain environment

Course Required Textbooks and Materials

1. Simchi-Levi, D. & Kaminsky, P. (2021). *Designing & Managing the Supply Chain: Concepts, Strategies, and Case Studies (Connect Access Card)*. ISBN 9781266808388
Available through the UTD Bookstore \$138.25 (<https://www.bkstr.com/texasatdallasstore/home>).
You can also purchase the Connect Access (includes text) directly from the McGraw Hill website for \$95; (https://connect.mheducation.com/class/d-widdifield-olc-aligned-course-configuration-2022_1).

Note: We will utilize the McGraw Hill Connect component for course discussions and quizzes.

Course Instructional Materials (Required)

All course articles, discussion decks and accompanying videos, guest presentation materials, or quizzes will be located on the course eLearning site for access approximately 12 hours prior to the course discussion and then be available on-demand access in eLearning for the remainder of the semester.

Course Instructional Materials (Optional)

Supplemental academic and professional articles will be provided via eLearning site by the instructor to support class & text discussion

Course Instructional Mode and Platform

This course will use a *traditional (in-person) modality* for all course sessions.

Important note: there is no asynchronous access for assignment presentations, course discussions, or guest speakers during this period.

Course Expectations and Policies

Academic Dishonesty

Because the value of an academic degree depends on the absolute honesty, integrity, and character of the student, the University expects all students to maintain a high level of responsibility with respect to their behavior. As a member of the University community, it is imperative that a student maintain a high standard of individual responsibility and civility. As such, the University defines academic dishonesty to include but is not limited to plagiarism, collusion, cheating, fabrication, facilitating academic dishonesty, failure to contribute to a collaborative project, and sabotage. Some of the common forms of academic misconduct include cheating, collusion, fabrication, and plagiarism.

Cheating

Attempting to or succeeding in gaining an unfair advantage in the academic arena is an act of academic dishonesty. Whether it is copying from another student's exam paper, knowingly using or buying homework solutions or submitting a substantial portion of the same academic work more than once without prior written authorization from the instructor, cheating is a violation of the rules and will not be condoned at UT Dallas.

Collusion

In class or out-of-class academic exercises are representations of a student's individual ability and scholarly achievement. Each student is expected to exercise independent scholarly thought, expression and aptitude. Absent specific authorization from the course instructor, each academic exercise is presumed to be prepared and submitted by one student acting individually and not in concert with others. Common examples are; students in the same class submitting a substantially similar essay, homework or computer program assignment. One student providing another with a copy of a completed assignment, only to have the assignment duplicated and submitted for credit with a new name.

Fabrication

Proper citation of references is generally addressed by the assigned or adopted writing-style manual. Occasionally, however, papers are submitted that contain false references. The following represent the most common occurrences of false references:

- References cited within the text body are omitted in an ending bibliography or end notes page.
- Entries contained in the end notes listing are not cited within the body of the text.
- Information contained within the reference is fabricated.
- The entire reference is fabricated.

Minimize the opportunity for an allegation of academic dishonesty for using false references by incorporating the following actions into your preparation. Allow sufficient time to thoroughly research and gather all information necessary for proper citation and reference format. Learn what the prescribed writing style requires for references and use it. Double check the completed document with your research notes for accuracy.

Plagiarism

This is defined as submission of a paper or comparable assignment that is not truly the product of your own mind and skill. The most obvious form of plagiarism is the purchase of prepared papers from commercial term paper companies or other individuals and submission of such papers as one's own work. A second obvious form of plagiarism is a word-for-word copying of someone else's work, in whole or in part, without appropriate acknowledgement. Examples of this type of academic dishonesty include submission of a portion of a book, another student's paper, internet article, journal, magazine article, a newspaper piece, or any other composition not your own. A third form of plagiarism is the paraphrasing for the structure and language of another person's work. Changing a few words of another's composition, omitting a few sentences, or changing their order does not constitute original composition and therefore can be given no credit.

Instances of academic dishonesty can result in sanctions which range from an "F" grade to dismissal from the University (see [UTD Student Code of Conduct - UTDSP5003](#)). Students can also obtain guidance related to UTD academic dishonesty through the [Dean of Students](#) office, where staff are available to assist students in their understanding of the various rules and regulations governing student conduct.

Assignment Due Date

Assignments will be counted for full credit when they are submitted on their assigned due dates specified in this document unless noted otherwise. **Assignments submitted after the assigned due date deadline will not be counted for credit towards the class total.**

Exemptions to this policy will be provided in the case of extraordinary circumstances which are beyond instructor, student, or university control. Extraordinary circumstances do not include the following: minor illnesses¹, schedule conflicts between multiple course assignments/exams/quizzes deadlines, personal travel plans and/or unscheduled vacations, or work schedule. If you feel there is a need to request exemption from this policy, please notify the instructor via email **12 hours prior to the due date of the assignment** for approval.

¹*This does not include illnesses which fall under the UTD [C19](#) and/or [Student AccessAbility Office](#) policies*

Class Engagement and Professionalism

Students are expected to read all assigned materials before class to be prepared to engage in the class discussion of the assigned topic from their professional point of view as part of their professional development of critical thinking skills for today's marketplace.

Students need to come to the class session prepared to talk about and question the concepts, ideas, or topics presented in the assigned chapters to understand how they are applied in practice. I will monitor the level of student class participation on a **weekly basis** using a combination of completed assignments, engagement with eLearning course materials, and unannounced quizzes.

Regarding professionalism, students should treat this class as they would professional employment by,

- Conducting yourself in a professional and respectful behavior when interacting with fellow students, course instructor, guest speakers, and TA,
- On time attendance of all class sessions,
- Prior acquisition of necessary course materials (e.g., downloaded discussion decks, registered on McGraw Hill Connect site, paper, writing utensils, etc.),
- Prior reading and understanding of the assigned course materials, this includes assigned readings (conceptual articles and text chapters), course syllabus, or guest speaker presentations (if applicable),
- Use of acceptable and appropriate grammar when speaking in the class, group discussions, or with guests.

Students exhibiting poor engagement and/or professionalism will adversely impact her or his final grade in this class.

Makeup Quizzes

Students are expected to take all quizzes on their scheduled dates of availability (see Course Schedule of this document). Make up quizzes will be made available upon instructor approval based on conflicts with approved university events or in cases of extraordinary circumstances (see above Assignment Due Date policy).

Grading Policy

Your professor will follow the [UTD graduate grading policies](#) in the awarding of grades for midterm and end of the semester grading. Your instructor will only change a final letter grade if a calculation error occurs. Therefore, your instructor will not accept requests for final letter grade change unless a student course total point calculation error has occurred.

The following tables contain detailed information related to course letter grades, percentages, and possible points.

Grading Scale: Course Points

Assignment	Possible Points	Point Percentage	Due Date	Comments
Course Engagement & Professionalism	120	20%	See syllabus course schedule	10 pts./week for weeks 2-13
Industry Speaker Series	75	12%	See syllabus course schedule	No make-up available
Knowledge Check Quizzes	180	30%	See syllabus course schedule	Online, 6 multiple choice quizzes – 30 points each Quiz / Exam
Peer Assessment	45	7%	See syllabus course schedule	Per syllabus instructions
Professional Development	50	8%	See syllabus course schedule	Per syllabus instructions
Team Presentation on SCM topics per syllabus	140	23%	See syllabus course schedule (will include one Bus Case Analysis)	2 presentations per syllabus and Prof. instructions

Total Points	610	100%	NA	NA
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Grading Range: Course Points, Percentage, & Letter Grade Equivalent

See UTD Graduate Policies and Procedures: Grades and Grade Point Average

Point Total Range	Percentage Total Range (%)	Letter Grade
610-591	100-97	A+
590-567	96-93	A
566-549	92-90	A-
548-530	89-87	B
529-506	86-83	B
505-488	82-80	B-
487-469	79-77	C+
468-445	76-73	C
444-427	72-70	C-
426-408	69-67	D+
407-384	66-63	D
383-366	62-60	D-
Less than or equal to 365	<59	F

Assignments

The following sections reviews the course assignments, to receive full credit you must complete and submit each of the assignments to the course eLearning site or in-class on the due date/time per syllabus instructions. Please be sure to review the details and requirements of each assignment specified in this syllabus, individual questions can be asked as in-class time allows. Additionally, you can send questions regarding assignments to the instructor via email.

Class Engagement and Professionalism

Students are expected to read all assigned materials before class to be prepared to engage in the class discussion of the assigned topic from their professional point of view as part of their professional development of critical thinking skills for today's marketplace. Students need to come to the class session prepared to talk about and question the concepts, ideas, or topics presented in the assigned chapters to understand how they are applied in practice. We will monitor the level of student class participation on a weekly basis. This assessment will be conducted using a combination of class discussion/contribution, completed assignments, engagement with eLearning course materials, and unannounced quizzes.

Regarding professionalism, students should approach this course as they would her or his professional employment by,

- Conducting yourself in a professions and respectful behavior when interacting with course instructor, guest speakers, peers, and TA,
- On time attendance of all class sessions,
- Prior acquisition of necessary course materials (e.g., downloaded discussion decks, registered on McGraw Hill Connect site, paper, writing utensils, etc.),
- Prior reading and understanding of the assigned course materials, this includes assigned readings (conceptual articles and text chapters), course syllabus, or guest speaker presentations (if applicable),

- Use of acceptable and appropriate grammar when speaking in the class, group discussions, or with guests.

Students exhibiting poor engagement and/or unprofessional behavior may receive “0” for this component of the course assignments. Class engagement and professionalism account for a total of **120** points (10 pts/week/Weeks 2-13) towards your final grade.

Industry Speaker Series

During the course, we will have the opportunity to host virtually or in-person senior level supply chain practitioners from leading companies in the DFW area and/or nationally. They will provide critical insights to the importance of operations management topics from a corporate and supply chain operations viewpoint including discussion of current or emerging industry trends. The objective of these presentations is to provide students with a practitioner’s perspective on how supply chain operations and strategy impacts, or influences, her/his business.

In-class attendance is mandatory for all students; each presentation provides timely and unique information about the guest speaker’s business and markets. Due to this, there is no make-up assignment available for students missing a guest speaker presentation. I will be taking in-person attendance during each presentation for grading purposes. Industry speaker presentations will account for a total of **75** points towards the final grade.

Knowledge Check Quizzes

In lieu of course exams, there will be 10, 15-minute online knowledge check quizzes covering assigned text chapter readings (see Course Schedule)

Each quiz consists of 10 questions which will review key points of the assigned text chapter to ensure students grasp the fundamental concepts presented and are fully prepared to participate in class discussions. Additionally, quizzes reinforce key supply chain strategy concepts which are critical to the course goals, learner-centered outcomes, and practical application.

Quizzes will be available for students to complete online via the eLearning/McGraw Hill Connect site starting at **8:00am CST until 11:59pm CST** on their assigned dates. At the expiration of the activation period quizzes will no longer be available to students in eLearning. Any quiz attempts exceeding the 10-minute period will be automatically submitted and graded regardless of remaining unanswered question. Quizzes will account for a total of **180** points (30 points each) towards your final grade.

Peer Evaluation

During the last class session, all members of the student team are required to complete and upload their individual peer evaluation form assessing team members’ efforts related to the Course Team Written and Supply Chain Management Article Deconstruction assignments. These peer evaluations are due on is due per syllabus. Assessment forms will be available on eLearning for completion and submission. This assignment accounts for a total of **45** points towards your final grade.

Professional Development

A critical part of supply chain strategy development is the interaction with the supply chain professional community. These organizations are rich in the experiential knowledge needed to support firm efforts in

the development and modification of supply chain strategies. Students have **two** options to fulfill the requirements for this assignment requirement; 1) membership in **one** of the UTD student organizations such as ASCM, INFORMS, SCLC, etc. and 2) subscription to at least **two** professional journals related to supply chain or the student's current or chosen career pursuit. For your convenience, I have provided a selection of journals in the "Industry Journal Websites for Supply Chain Management" table found at the end of this document.

Once you have enrolled in a student organization or subscribed to your selected journals, upload your membership confirmation receipt or journal subscription confirmation message to eLearning to receive the assignment points. This assignment accounts for a total of **50** points towards your final grade.

Supply Chain Management (SCM) – Team Presentation - Applications in Business

Student teams will select one of the Supply Chain Management (SCM) Concept topics/articles which accompany the assigned text chapter (see below) to analyze and discuss show how the concept was developed and is being applied in industry today.

One of the most important knowledge transformation skills in supply chain strategy development is the ability to convert conceptual knowledge into practical application. This assignment provides students the critical thinking skill he/she needs to understand how relevant SCM concepts are applied in supply chain operations strategy.

The deliverables for this assignment will consist of,

- **2 team presentations per syllabus dates and Prof. instructions**
 - Presentation 1: 70 points
 - Presentation 2: 70 points: Business Case Analysis – details will be shared separately
- **Team PowerPoint Presentation** (25 mins) to the class summarizing the selected topic, its main concept, historical development, and application in modern supply chain operations and strategy. The presentation will need to include,
 - Cover slide listing paper title, author, publication (journal name, date, volume and issue), and team members
 - Agenda
 - Summary of the paper concept (including author(s), concept, date of origin)
 - Example of application in SC operations, and
 - Closing/Q&A.

The team's PowerPoint deck will properly cite all data sources used to generate the presentation content for slides used as well as providing a detailed reference listing at the end of slide deck using American Psychological Association (APA) format; (https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_formatting_and_style_guide/general_format.html).

Course Schedule

Note: I may revise this schedule/quizzes to accommodate class progress, provide a more in-depth focus of a select topic, or to take advantage of additional guest speakers should the opportunity arise. We will attempt to stay as close to the below schedule as possible.

<u>Week</u>	<u>Class Date</u>	<u>Discussion Topic</u>	<u>Text Chapter</u>	<u>Assignments</u>	<u>Assignments Due</u>
1	8/25/2022	Course introduction, syllabus review, and strategy overview	NA	Team Formation and Introductions	Syllabus Acknowledgement Team listing email message by 11:59pm CST
2	9/01/2022	Introduction to Supply Chain Management (Simchi-Levi & Kaminsky, 2021)	Ch. 1	Quiz# 1 (Ch. 1)	Quiz# 1 due by 11:59pm CST
3	9/08/2022	Network Planning (Simchi-Levi & Kaminsky, 2021)	Ch. 3		
4	9/15/2022	Network Planning (Simchi-Levi & Kaminsky, 2021) Industry Speaker# 1: TBA	Ch. 3	Quiz# 2 (Ch. 3)	Quiz# 2 due by 11:59pm CST
5	9/22/2022	Distribution Strategies (Simchi-Levi & Kaminsky, 2021)	Ch. 7		
6	9/29/2022	Distribution Strategies (Simchi-Levi & Kaminsky, 2021)	Ch. 7	Quiz# 3 (Ch. 7)	Quiz# 3 due by 11:59pm CST
7	10/06/2022	Sustainable Supply Chains (Simchi-Levi & Kaminsky, 2021)	Ch. 14	Quiz# 4 (Ch. 14)	Quiz# 4 due by 11:59pm CST
8	10/13/2022	Team Presentation with a focus on Sustainability	Ch. 1,3,7,14	Team presentation	Presentation
9	10/20/2022	Risk Management (Simchi-Levi & Kaminsky, 2021)	Ch. 13		
10	10/27/2022	Risk Management (Simchi-Levi & Kaminsky, 2021) Industry Speaker# 2: TBA	Ch. 13	Quiz# 5 (Ch. 13)	Quiz# 5 due by 11:59pm CST
11	11/03/2022	Global Supply Chain – Challenges and Skills – a practitioner’s perspective!	Prof’s own material	Class discussion	Class discussion
12	11/10/2022	Information Technology and Business Processes (Simchi-Levi & Kaminsky, 2021)	Ch. 16		
13	11/17/2022	Information Technology and Business Processes (Simchi-Levi & Kaminsky, 2021) Industry Speaker# 3: TBA	Ch. 16	Quiz# 6 (Ch. 16)	Quiz# 6 due by 11:59pm CST
	11/21/2022 To 11/26	No classes – Thanksgiving			
14	12/01/2022	“SCM topic” Business Case Analysis Course wrap-Up. UTD last day of class Dec 08, 2022	SCM	Team presentation	Peer Reviews due by 11:59pm CST – 12/01

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."

Classroom Safety and COVID-19:

To help preserve the University's in-person learning environment, we recommend following all updated University/School and CDC guidelines and keeping yourself and the UTD community safe. Thank you.

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.

Industry Journal Websites for Supply Chain Management Interests

Source	Website
Assembly Magazine	https://www.assemblymag.com
Automotive Logistics	https://automotivelogistics.media
Chain Store Age	http://www.chainstoreage.com
CSCMP Supply Chain SmartBrief	http://www2.smartbrief.com/getLast.action?mode=sample&b=cscmp
DC Velocity	http://www.dcvelocity.com
eMarketer	http://www.emarketer.com
Food Logistics	https://www.foodlogistics.com
Inbound Logistics	www.inboundlogistics.com
Industry Week	http://industryweek.com
Internet Retailer	https://www.digitalcommerce360.com/internet-retailer
Logistics Management	http://www.logisticsmgmt.com

Manufacturing Global	https://www.manufacturingglobal.com
Material Handling and Logistics	http://mhlnews.com
Multichannel Merchant	http://multichannelmerchant.com
NRF Retail News SmartBrief	http://www.smartbrief.com/industry/retail
Retail Dive	https://www.retaildive.com
Supply & Demand Chain Executive	http://www.sdcexec.com
Supply Chain Brain	http://www.supplychainbrain.com/nc/home
Supply Chain Digest	http://www.scdigest.com
Supply Chain Dive	https://www.supplychaindive.com
Supply Chain Management Review	http://www.scmr.com
Transport Topics	http://www.ttnews.com