

**SCM 4301**  
**Logistics Management**  
**Spring 2022**

**Instructor:** Dr. Dale L. Tibodeau, D. Eng., P.E.  
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**Class Times:** Tuesday/Thursday 1:00-2:30 p.m., Section 16308 Room MH 150  
**Office Hours:** Thursday 2:30 – 5:30 pm or right after class on Tuesdays  
**Teaching Assistant:** Fengdong Zhang, Email: [fzhang25@uh.edu](mailto:fzhang25@uh.edu), Cellphone: 832-708-9216

**Course Description**

The primary purpose of this course is to teach managers and potential managers how to address a wide variety of logistical issues that arise in managing a firm's supply chain. Logistics concepts, models, and tools will be introduced, with a particular emphasis on application to both manufacturing and service organizations. Upon completion of this course, students will be able to demonstrate:

1. A thorough understanding of the role and importance of logistics in organizations
2. The development of analytical and critical thinking skills necessary to address logistics problems and provide solutions within an organizational context
3. The ability to evaluate a firm's logistics performance throughout the supply chain

**Course Text and Materials:**

- John J. Coyle, C. John Langley, Jr., Robert A. Novack, and Brian J. Gibson, *Supply Chain Management: A Logistics Perspective*, 10<sup>th</sup> Edition, Cengage Learning, 2017, ISBN: 978-1-305-85997-5. Books can be purchased at the UH bookstore or from Cengage ([www.cengage.com](http://www.cengage.com)). The UH Bookstore suggests the digital version of the book currently selling at \$38.49 is the most economical alternative ISBN 9781305888692
- *3M Canada: the Health Care Supply Chain*, Ivey Business School case, available from Harvard Business School Publishing, link will be available on Blackboard.
- Additional articles and other materials may be assigned in class.

**Prerequisite:**

The prerequisite for this course is SCM 3301 with a grade of C+ or higher. Completion of STAT 3331 is beneficial, but not required.

**Blackboard:**

This course will use Blackboard Learn as a course management tool to post announcements, the course syllabus, course content, and grades. To access Blackboard Learn for this class, login with your CougarNet ID to the UH single sign-on portal: <http://accessuh.uh.edu>. Once you are logged on, click the Blackboard Learn link. If you have questions about Blackboard Learn or need technical assistance, click the "Help" link on the AccessUH website or call the help-line at 713-743-1411.

**Course Structure and Grading:**

This course includes lectures, assignments, exams, and a group case analysis project. Homework will be assigned as preparation for the exams, but will not be graded. Solutions will be posted on Blackboard. Details for all coursework will be given in class. Under no circumstances will extra work be given to an individual to improve his/her score.

<b>Grade Component</b>	<b>Percentage of Course Grade</b>
Highest Exam Score	30%
Next Highest Exam Score	20%
Lowest Exam Score	20%
Assignments	10%
Group Case Analysis	15%
Participation/Attendance:	5%
<b>Total:</b>	<b>100%</b>

The letter grades assigned to numerical scores will be as follows:

A	93-100
A-	90-92
B+	87-89
B	83-86
B-	80-82
C+	77-79
C	73-76
C-	70-72
D+	67-69
D	63-66
D-	60-62
F	Below 60

**Group Case Analysis Project:**

The comprehensive case analysis project will be based on the Ivey Business School case *3M Canada: the Health Care Supply Chain*, which will be made available for purchase from Harvard Business School Publishing via Blackboard. Groups will be assigned by the instructor and details on the case analysis project will be given in class.

**Exams:**

Each exam will cover reading assignments, lecture notes, in-class discussions, and any other assigned material. All exams will be closed-book. The exam format will include multiple choice questions, essay and/or short answer questions, and quantitative problems. You will be permitted to bring calculators and pencils. Formulae sheet (if relevant) will be made available before the exams. Time allotted for Exams 1 and 2 is 75 minutes each; Exam 3 is 90 minutes, and will be given during the regularly-scheduled final examination period for this class.

You can expect to be pressed for time on exams; therefore, thorough preparation is essential. You are required to bring a red scantron sheet to all exams (available at the UH Bookstore).

### **Make-up Policies:**

- There will be no make-ups for missed assignments. A missed assignment will result in a grade of zero (0). At the end of the semester, the lowest assignment grade will be dropped. Therefore, if you miss an assignment for any reason (e.g., illness, job interview, or any other circumstance), that will count as your lowest assignment grade to be dropped at the end of the semester.
- No late group case analysis projects will be accepted. A late project will receive a grade of zero (0).
- Exams may not be missed for the convenience of the student. Missed exams will receive a grade of zero (0). You know well in advance the dates of the exams, and it is expected that you will schedule your other activities around these dates. If an exam is missed due to an approved university absence, you must inform the instructor no later than 24 hours after the date of absence (preferably, *before* the exam if possible), and you must provide original documentation (copies will not be accepted) regarding why your absence is a university-approved absence.
  - Business-related absences and conflicts are not excused.
  - Routine illnesses are not excused.
  - Traffic and weather-related absences are not excused, unless the university has closed officially.
  - Mechanical automobile issues are not excused—there are many alternative options for transportation.

Exceptions to this policy will *only* be considered with advance notice or under extreme hardship conditions, and with appropriate verifiable documentation. These important dates are emphasized in the course schedule. Arrange to clear your schedules *now*.

### **Professionalism, Participation, Attendance, and Punctuality:**

I expect you follow these guidelines while in the classroom:

- In accordance with building rules, please do not bring food or drink (other than water) into the classroom.
- Please do your best to arrive on time. If you happen to be late, please minimize disruption to the rest of the class.
- Please do not leave class early since it is disruptive to the other students as well as to the instructor. If you need to leave early for any reason, notify the instructor before class begins and sit close to an exit.
- Conduct yourself in a professional manner as is expected of business students, who are future participants in the business world. Disruptive, inappropriate, or unprofessional behavior will not be tolerated in this course.

If you miss a class, please contact a classmate to obtain his or her notes. The instructor's office hours are not set up for lecturing on missed class material.

**Cell phones, Tablets, Laptops, and other Electronic Devices:**

At the Bauer College of Business, internet access in classrooms is not provided for the purpose of web browsing, checking emails, or utilizing social media. This behavior is unprofessional in the workplace as well as in the classroom.

The sole purpose of allowing internet access during class is to enhance the overall learning environment by providing timely electronic access to relevant material. The use of laptop computers will only be permitted to access lecture notes from Blackboard, take notes of class discussions, facilitate in-class assignments, or any other use authorized by the instructor. This policy applies to all electronic devices. The use of cell phones is not allowed in any form during class time (e.g., no phone calls, texting, web browsing, email, social media). Silence all cell phones during class. If you are expecting an *extremely* important phone call, notify the instructor before class, and sit close to an exit.

**Academic Honesty:**

Any material submitted for course credit must be your own work. Students are not permitted to discuss, read, or distribute the work, thoughts, or ideas regarding assignments or exams with other students who have taken the course in the past, are currently taking the course, or will take the course in the future. Academic misconduct is a serious threat to the integrity of your degree. No violations of this policy will be tolerated. The instructor will strictly follow the University of Houston Academic Honesty Policy (<http://www.bauer.uh.edu/current/academic-honesty.php>) in areas of plagiarism, fabrication/falsification, cheating, misrepresentation of identity, and other forms of academic misconduct. Typical consequences of academic dishonesty violations include a failing grade in the course, academic probation, and potential dismissal from the university.

**Students with Disabilities:**

The Bauer College of Business would like to help students who have disabilities achieve their highest potential. In order to receive academic accommodations, students must register with the Center for Students with DisABILITIES (<http://www.uh.edu/csd/>, 713-743-5400), and present approved accommodation documentation to their instructors in a timely manner.

**Counseling and Crisis Intervention:**

Counseling and Psychological Services (CAPS) can help students who are having difficulties managing stress, adjusting to college, experiencing depression and/or anxiety, or feeling sad and hopeless. You can reach CAPS ([www.uh.edu/caps](http://www.uh.edu/caps)) by calling 713-743-5454 during and after business hours for routine appointments or if you or someone you know is in crisis. No appointment is necessary for the “Let's Talk” program, a drop-in consultation service at convenient locations and hours around campus (please go to the CAPS website for further details). CAPS has someone on call 24/7 so do not wait if you or someone you know needs immediate help. The university also partners with Crisis Intervention Houston, which is also available 24/7 at 832-416-1177.

### SCM 4301 Schedule for Spring 2022

(Any changes will be announced in class and posted on Blackboard)

<b>Week</b>	<b>Date</b>	<b>Topic</b>	<b>Textbook/Lecture Notes</b>
Week 1	January 18	Introduction, Logistics/SC Overview	Chapter 1, Lecture Notes 1
	January 20	Logistics/SC Overview and Global SCs	Chapter 1, Lecture Notes 1
Week 2	January 25	Role of Logistics in SCs	Chapter 3, Lecture Notes 2
	January 27	Logistics/SC Customer Service	Chapter 8, Lecture Notes 3
Week 3	February 1	Logistics/SC Customer Service Forecasting – Review	Chapter 8, Lecture Notes 3 Chapter 7, Lecture Notes 4
	February 3	Forecasting – Review	Chapter 7, Lecture Notes 4
Week 4	February 8	SC Relationships	Chapter 12, Lecture Notes 5
	February 10	Logistics/SC Product Pricing	Lecture Notes 6
Week 5	February 15	<b>Exam 1</b>	
	February 17	Transportation Fundamentals	Chapter 11, Lecture Notes 7
Week 6	February 22	Transportation Fundamentals	Chapter 11, Lecture Notes 7
	February 24	Global Dimensions of SCs	Chapter 2, Lecture Notes 8
Week 7	March 1	Transportation Decisions	Chapter 11, Lecture Notes 9
	March 3	Transportation Decisions	Chapter 11, Lecture Notes 9
Week 8	March 8	Transportation Decisions	Chapter 11, Lecture Notes 9 Lecture Notes 10
	March 10	Facility Location	Lecture Notes 10
	March 14/18	<b>SPRING BREAK – NO CLASS</b>	
Week 9	March 22	Technology in Logistics	Chapter 14, Lecture Notes 11
	March 24	Distribution and Warehousing	Chapters 10 & 4, Lecture Notes 12
Week 10	March 29	<b>Exam 2</b>	
	March 31	Distribution and Warehousing	Chapters 10 & 4, Lecture Notes 12
Week 11	April 5	Managing Inventory in SCs	Chapter 9, Lecture Notes 13
	April 7	Managing Inventory in SCs	Chapter 9, Lecture Notes 13
Week 12	April 12	Managing Inventory in SCs	Chapter 9, Lecture Notes 13
	April 14	SC Network Design	Lecture Notes 14
Week 13	April 19	SC Network Design	Lecture Notes 14
	April 21	<b>Guest Speakers – Mandatory Attendance (5% of grade)</b>	

Week 14	April 26	<i>3M Canada Group Case Analysis Project Due at the beginning of class</i> Exam 3 Review – Wrap-up	
	April 28	<b>Exam 3</b>	