

Supply Chain Management – BUS 372 Online

CMHS, Business Department

Spring 2023

Instructor Info

Dr. Amarpreet Kohli

Phone: (207) 780-4305

Email: amarpreet.kohli@maine.edu

Zoom: (For Virtual Office hours)

Office: LB 221, Luther Bonney

Hours: TTh: 10.45 am – 12.00 pm

Course Meetings

Online

**Services &
Policies that
Support You**



Academic Services & Policies¹

Contents

<u>1. Course Information</u>	1
<u>2. Coursework & Grading</u>	4
<u>3. Class Schedule</u>	5
<u>4. Course-Specific Policies</u>	6
<u>5. Academic Services & Policies</u>	7

1. Course Information

1A. Course Description

This course introduces supply chain management as it examines the products-to-services spectrum in terms of various transformation processes and their impact upon the supply chain. In addition, the course considers how supply chain strategy relates to other organization

¹ <https://mycampus.maine.edu/group/usm/common-syllabus>



functions and focuses on all strategic areas impacting supply chain decision making. Some of the important topics include but not limited to Supply Chain Management, Forecasting, Sustainability in Supply Chain, Location Strategies, Supply Chain Analytics, Aggregate Planning, & Business Analytics Modules: Decision-Making Tools, Linear Programming and Transportation Modeling.

Prerequisites: BUS 301 (min. C) or MAT 380 (min C) and EGN 304 (min. C) and junior standing. Majors in Fall 2020 or later catalog must complete the pre-bus core with a min. of a C- or higher before taking any 300/400 Business course

1B. Course Materials & Books

Required

- **Access Card:** MyLab Operations Management with Pearson eText -- Access Card -- for Operations Management Sustainability and Supply Chain Management by Heizer, Jay; Render, Barry; Munson, Chuck, Edition:13th, ISBN: 9780135662120. You can buy the above option through e-campus portal (see the link below)
<https://usm.ecampus.com/course-list?sbc=1&c=4478795> Purchase of secondhand book is not recommended, as you will need an access code for myomlab (online learning and assessment tool). You will need Course ID: **kohli62703** to enter your course on myomlab. Please follow the step-by-step instructions posted on Bb under the tab “mylab registration help”.
- **Technology Requirements:** Personal computer/Laptop/Tablet and Internet Access. In general, BUS 372 has been designed so that you will rely heavily on a platform Brightspace (BS) for communications and instructions, read the required readings, have several forums for getting your questions answered, analyze real world problems through case analysis and apply the concepts in practice. [Go to BUS 372](#). For more



details regarding BS, go to the section “Technology in the Classroom” under “Course Specific Policies”. For Brightspace tech requirements, see the [Academic Services & Policies page](#)².

- **Software:** I will suggest you use ExcelOM which is available as a part of the physical textbook package) for group case analysis and to verify the solutions of Assignment problems. You can download this software from myomlab. Go to download center > download

1C. Course Format

In person (flipped classroom). To this end, you will be expected to read the required textbook chapter and other supported material posted on BS. This will enable us to enrich the classroom experience and we can in turn spend more time in reviewing and analyzing the applications of operational models.

1D. Course Learning Outcomes

As a result of this course, students will be able to:

- Understand the fundamental principles and generalizations of supply chain management.
- Understand delivery of products/services from the provider to the end user.
- Apply quantitative tools to address complex open-ended problems by the creative use of scientific decision-making methodology.
- Develop competencies and model construction exercises will requires examination of inputs and collection of data.
- Use descriptive and optimization models and incorporate cost drivers to improve general business decision making.

² <https://mycampus.maine.edu/group/usm/common-syllabus#treq>



2. Coursework & Grading

2A. Grade Scale

100-93%	=	A	79-77%	=	C+
92-90%	=	A-	76-73%	=	C
89-87%	=	B+	72-70%	=	C-
86-83%	=	B	69-60%	=	D
82-80%	=	B-	59% or lower	=	F

2B. Course Grade Breakdown

Assessment Name	Value
Assignments (Individual)	30%
Cases/Group Assignment (Team Analysis)	30%
Quizzes (Individual)	40%
Total:	100%

Case Analysis: Case analyses are important components of the learning process. Case problems can be analyzed in a team of **preferably 3 students** and each individual case per team must be turned in no later than its **due date**.

Criteria for grading case reports - Clarity and organization of the reports are critical elements of success. Use the available pages wisely and forego summarization of the case facts that are obvious and already known. The following guidelines will be used to evaluate the case reports:

- Understanding of the decision situation
- Completeness, depth, and accuracy of analysis



- Ability to utilize concepts from the readings and class discussions in analyze the cases
- Effectiveness, practicality, specificity, and completeness of action plan and recommendations
- Appropriateness, relevancy, and quality of exhibits

2C. Final Examination

Final exam (Quiz 3) will be as per the [Final Exam Schedule on the Registrar's website](#)

3. Class Schedule

Class Topics, Assignments and Schedule – Subject to Change – Verify with Instructor.

Date/s	Topic	Chapters	Assignments/Case
Week 1 - 01/17	Operations Strategy in a Global Environment	2	Introduction, Group Formation
Week 2 - 01/23	Forecasting	4	Assignment 1 due 01/30 (10.00 pm) on myomlab
Week 3 - 01/30	Forecasting	4	Case 1: Forecasting Ticket Revenue – Orlando Magic Basketball Games (Page 154) – Qs (1 – 4) due 02/06 (10.00 pm)
Weeks 4 & 5 - 02/06, 02/13	Supply Chain Management & Supply Chain Management Analytics	11 & 11S	Assignment 2 due 02/21 (10.00 pm) on myomlab
Week 6 - 02/20	Quiz 1	4, 11 & 11S	Multiple Choice & 3 – 4 Quant Problems due 02/28 (10.00 pm) on myomlab



Week 7 – 02/27	Sustainability in the Supply Chain	5S	Assignment 3 due 03/06 (10.00 pm) on myomlab
Week 8 – 03/06	Decision-Making Tools	Module A	Assignment 4 due 03/13 (10.00 pm) on myomlab
Week 9 – 03/13	Spring Break		No Class
Week 10 – 03/20	Location Strategies	8	Assignment 5 due 03/27 (10.00 pm) on myomlab
Week 11 – 03/27	Quiz 2	Module A & 8	Multiple Choice & 3 – 4 Quant Problems due 04/03 (10.00 pm) on myomlab
Weeks 12 & 13 – 04/03 & 04/10	Linear Programming	Module B	Case 2: Coastal Chemicals – Additional Case Study on myomlab, Qs 1-4 due 04/17 (10.00 pm)
Weeks 14 & 15 – 04/17 & 04/24	Transportation Modeling	Module C	Assignment 6 due 05/01 (10.00 pm) on myomlab
Week 16 – 05/01	Quiz 3 (Final)	Modules B & C	Multiple Choice & 4 – 5 Problems due 05/05 (10.00 pm) on myomlab

4. Course-Specific Policies

4A. Attendance

Success in this course is dependent on your active participation and engagement throughout the course. You are expected to read assigned reading on time and to actively participate in



class discussions. Much of our online discussion will assume familiarity with the day's reading. If you do not understand an assignment or anything else don't hesitate to ask for clarification via e-mail amarpreet.kohli@maine.edu

4B. Late Work

You are expected to read assigned reading and complete assignments on time. If you do not understand an assignment, or anything else, do not hesitate to ask for clarification via e-mail/meeting in person. The business world expects that you will exhibit professional behavior, and so do I. In this course students are expected to model the respect, courtesy, and other behaviors of a future business leader.

4C. Class Cancellation

In the rare case if the class is cancelled, I will post an announcement on the BS that will be emailed to you. I will attempt to communicate class cancelations with as much advance notice as possible. Please be sure that their email is current and valid to ensure emails are received.

4D. Technology in the Classroom

We are all new to Brightspace and some of you are new to online education, so I highly recommend that you become familiar with different options in Brightspace before the course begins by accessing the following online video tutorials using the following links:

[Brightspace Help for Students](#)

[Bright Space Mobile App:](#)

When experiencing technical difficulties, please contact the Technology Support Center (Help Desk): 207-780-4029 or <https://usm.maine.edu/computing/helpdesk>



4E. Personal Device Usage in the Classroom

You are welcome to use a laptop or tablet in this class as long as it contributes to your learning. This class, once again, is application based. This means that all students are expected to actively participate in classroom activities. If you are unable to contribute to the discussion or are otherwise distracted by your computer, cell phone, or table, I will ask that you refrain from using it in class. There will be some class sessions where we will use technology together, and in those instances, all students should make arrangements to bring a laptop or tablet to class. If you have any questions or concerns, please be in touch with me.

5. Academic Services & Policies

Below you'll find information for our most crucial student services and supports. For USM's most complete and current information on services available to students, as well as academic policies, see [The Academic Services & Policies Overview webpage](#).³

- **Request disability accommodations** | (207) 780-4706 | dsc-usm@maine.edu
- **Report Interpersonal violence** | (207) 780-5767 | usm.titleix@maine.edu
- **Report On-Campus Emergencies and Safety Concerns** | (207) 780-5211 or your local police agency.
- **Get academic help** | mycampus.maine.edu/group/usm/learning-commons1
- **Get technology help** | usm.maine.edu/computing/helpdesk
- **Meet with an Advisor** | usm.maine.edu/advising



Scan the QR Code to go to the [Academic Services & Policies webpage](#)⁴

³ <https://mycampus.maine.edu/group/usm/common-syllabus>

⁴ <https://mycampus.maine.edu/group/usm/common-syllabus>