

COURSE INFORMATION

Course title:	Supply Chain Management	Credits:	1.5
Course code:	BASC 523	Class location:	HA 254
Session and term:	2023W1	Class times:	DD1 - Mon Wed 8:00 – 10:00 DD2 – Mon Wed 10:00 – 12:00
Section(s):	DD1, DD2	Pre-requisites:	None
Course duration:	Oct 30 – Dec 1, 2023	Co-requisites:	None
Division:	Operations and Logistics		

INSTRUCTOR INFORMATION

Instructor:	Abrar Khan	Office location:	Remote
Phone:		Office hours:	By appointment
Email:	abrar.khan@sauder.ubc.ca		

COURSE DESCRIPTION

In this course, we will take a broad view of a “supply chain.” A firm’s supply chain consists of all operational processes that create value for the firm. Supply chain management therefore involves the coordination of multiple processes. In addition, these value-creating processes are typically fragmented and dispersed across organizational and national boundaries. This fragmentation creates opportunities (e.g. lower costs) but also challenges (e.g. longer lead times). Firms therefore need to find a way to exploit the benefits provided by fragmented supply chains, while making sure that the challenges are managed effectively.

COURSE FORMAT

This course uses a combination of lecture and case studies, along with a couple of simulation exercises. Assignments are largely case memos. Online discussion boards and group assignments are also provided for interaction outside of class hours.

LEARNING OBJECTIVES

By the end of this course, students will be able to:

1. Identify market conditions where different supply chain outcomes (e.g. cost, responsiveness, etc.) are appropriate
2. Understand the key drivers of sourcing decisions in supply chains
3. Analyze total system costs (e.g. inventory and transportation costs) in supply chains, and determine how alternative supply chain network designs affect these costs
4. Identify the challenges that arise in coordinating inventory and working capital in a multi-tier supply chain, and find solutions that align incentives and goals of supply chain partners
5. Identify challenges that arise due to lack of visibility in supply chains, and find technical and systemic solutions to problems that arise in complex supply chains with multiple stakeholders....

ASSESSMENTS

Summary

<u>Component</u>	<u>Weight</u>
Individual Case Questions (4 X 2.5%)	10%
Assignment/Quiz	10%
Group Case Report (2 X 20%)	40%

Simulation activity and report	15%
Final report	10%
Class participation	<u>15%</u>
Total	<u>100%</u>

Details of Assessments

Individual case questions

Questions related to the case that will be discussed in the class.
Details and guidelines will be posted on the course website

Group Case Report – Case report assignments are to be done in groups. These will consist of specific questions that can be answered using the content of the assigned case reading and handed-in online via Canvas. Due dates and times will be posted on Canvas.

Simulation activity and report –

Groups of students (same as the case analysis group) will play an online supply chain game: Harvard’s Global Supply Chain Simulation.
Marks will be assessed on the performance in the game, and a short discussion about the approach.
Details will be provided on the course website.

Final report – A final report is due at the end of the course. Topics and other details will be posted on Canvas

Class participation

Please be ready and willing to actively engage in all aspects of the classroom learning experience. We all have something to contribute to the collective learning experience each day, and we all want to benefit from it.

For students who have things to share but were not able to speak up during class, there are discussion forums on Canvas where they can post comments, questions, reflections, anecdotes, etc. These posting will be considered in class participation grading.

LEARNING MATERIALS

Course pack containing Harvard cases and Harvard simulations (will be available electronically; details will be shared later)

Estimated cost of course pack and simulations: US\$40

Class notes (will be posted on course website)

COURSE-SPECIFIC POLICIES AND RESOURCES

Missed or late assignments, and regrading of assessments

Late submissions will not be accepted and will receive a grade of zero.

Academic Concessions

If extenuating circumstances arise, please contact the RHL Graduate School program office as early as reasonably possible, and submit an [Academic Concession Request & Declaration Form](#). If an academic concession is granted during the course, the student will be provided options by RHL, or by the instructor in consultation with RHL, per [UBC’s policy on Academic Concession](#).

Code Plagiarism

Code plagiarism falls under the UBC policy for [Academic Misconduct](#). Students must correctly cite any code that has been authored by someone else or by the student themselves for other assignments.

Cases of "reuse" may include, but are not limited to:

- the reproduction (copying and pasting) of code with none or minimal reformatting (e.g., changing the name of the variables)
- the translation of an algorithm or a script from a language to another
- the generation of code by automatic code-generations software

An "adequate acknowledgement" requires a detailed identification of the (parts of the) code reused and a full citation of the original source code that has been reused.

Students are responsible for ensuring that any work submitted does not constitute plagiarism. Students who are in any doubt as to what constitutes plagiarism should consult their instructor before handing in any assignments.

POLICIES APPLICABLE TO COURSES IN THE ROBERT H. LEE GRADUATE SCHOOL

Attendance

Excepting extenuating circumstances, students are expected to attend 100% of their scheduled class hours. Absent students limit their own academic potential, and that of their classmates, and cause unnecessary disruption to the learning environment. Students missing more than 20% of the total scheduled class hours for a course (including classes held during the add/drop period) without having received an academic concession will be withdrawn from that course. Withdrawals, depending on timing, could result in a "W" or an "F" standing on the transcript.

Punctuality

Students are expected to arrive for classes and activities on time and fully prepared to engage. Late arrivals may be refused entry at the discretion of the instructor or activity lead. Students arriving later than halfway through a scheduled class will be treated as absent for that class.

Electronic Devices

Devices such as laptops, tablets, and cell phones are not permitted to be used in class unless directed by the instructor for in-class activities. Students who do not follow the School's policy in this regard may be required to leave the room for the remainder of the class, so that they do not distract others. Research shows that students' use of laptops in class has negative implications for the learning environment, including reducing their own grades and the grades of those sitting around them.

Citation Style




Please use the American Psychological Association (APA) reference style to cite your sources.

Details of the above policies and other RHL Policies are available at:

<http://www.calendar.ubc.ca/vancouver/index.cfm?tree=12,199,506,1625>

SUSTAINABLE DEVELOPMENT GOALS (SDGS)

At UBC Sauder, we are committed to responsible business practices that can have transformative impacts on society. One of the ways we are reinforcing our commitment to responsible business is by showcasing relevant content in our courses via the lens of the United Nations Sustainable Development Goals. In this course, we will touch on topics that relate to the following goals:

Sustainable Development Goal	Description of how and when the goal is covered in the course.
<p>Goal 8: Decent Work and Economic Growth</p> 	<p>In week 1, we will walk through the supply chain of a t-shirt, discussing the different countries that help manufacture it and the work environment in these countries.</p>
<p>GOAL 12: Responsible Consumption and Production</p> 	<p>In the last week, we will discuss the IKEA case study, which revolves around the sustainability objectives set out by IKEA. The class will read the case and submit a group assignment before we debrief in class. Our primary focus will be on IKEA's wood sourcing strategies for its products.</p>
<p>Goal 16: Peace, Justice, and Strong Institutions</p> 	<p>In week 1, we will learn about the UN Global compact. The ten principles across the 4 categories of Human rights, Labor, Environment & Anti-Corruption</p>

UNIVERSITY POLICIES AND RESOURCES

UBC provides resources to support student learning and to maintain healthy lifestyles but recognizes that sometimes crises arise and so there are additional resources to access including those for survivors of sexual violence. UBC values respect for the person and ideas of all members of the academic community. Harassment and discrimination are not tolerated nor is suppression of academic freedom. UBC provides appropriate accommodation for students with disabilities and for religious observances. UBC values academic honesty and students are expected to acknowledge the ideas generated by others and to uphold the highest academic standards in all of their actions. Details of the policies and how to access support are available on the UBC Senate website at <https://senate.ubc.ca/policies-resources-support-student-success>.

Respect for Equity, Diversity, and Inclusion

The UBC Sauder School of Business strives to promote an intellectual community that is enhanced by diversity along various dimensions including Indigeneity (including identification as First Nation, Métis, or Inuit), race, ethnicity, gender identity, sexual orientation, religion, political beliefs, social class, and/or disability. It is critical that students from diverse backgrounds and perspectives be valued in and well-served by their courses. Furthermore, the diversity that students bring to the classroom should be viewed as a resource, benefit, and source of strength for your learning experience.

It is expected that all students and members of our community conduct themselves with empathy and respect for others.

Academic Integrity

The academic enterprise is founded on honesty, civility, and integrity. As members of this enterprise, all students are expected to know, understand, and follow the codes of conduct regarding academic integrity. At the most basic level, this means submitting only original work done by you and acknowledging all sources of information or ideas and attributing them to others as required. This also means you should not cheat, copy, or mislead others about what is your work. Violations of academic integrity (i.e., misconduct) lead to the breakdown of the academic enterprise, and therefore serious consequences arise and harsh sanctions are imposed. For example, incidences of plagiarism or cheating may result in a mark of zero on the assignment or exam and more serious consequences may apply if the matter is referred to the President's Advisory Committee on Student Discipline. Careful records are kept in order to monitor and prevent recurrences.

Use of Artificial Intelligence

Generative AI (Including ChatGPT) Not Permitted

Any work submitted must be your own original work, written without outside assistance or collaboration. Any use of generative artificial intelligence (AI), including ChatGPT, is not permitted and constitutes academic misconduct. Any student suspected of submitting work that includes AI generated content may be asked for preliminary work or other materials to evidence the student's original and unaided authorship. The student may also be asked to separately explain or support their work. AI identification methods may also be employed by the instructor. After review, if it is determined by the instructor that submitted work likely contains AI generated content, the work may receive a zero and may be subject to further misconduct measures set out in the [UBC Academic Calendar](#).

COPYRIGHT

All materials of this course (course handouts, lecture slides, assessments, course readings, etc.) are the intellectual property of the instructor or licensed to be used in this course by the copyright owner. Redistribution of these materials by any means without permission of the copyright holder(s) constitutes a breach of copyright and may lead to academic discipline and could be subject to legal action. Any lecture recordings are for the sole use of the instructor and students enrolled in the class. In no case may the lecture recording or part of the recording be used by students for any other purpose, either personal or commercial. Further, audio or video recording of classes are not permitted without the prior consent of the instructor.

ACKNOWLEDGEMENT

UBC's Point Grey Campus is located on the traditional, ancestral, and unceded territory of the x̣ẉməθḳẉəỵəm (Musqueam) people, who for millennia have passed on their culture, history, and traditions from one generation to the next on this site.

COURSE SCHEDULE

(Subject to change with consultation)

Class	Asynchronous or Synchronous	Date	Topic	Readings or Activities	Assessments due
1	Sync	Oct 30	Course overview Introduction to Supply Chains		
2	Sync	Nov 1	Forecasting		
3	Sync	Nov 6	Forecasting & Inv Mgmt		
4	Sync	Nov 8	Inventory Management – Newsvendor/EOQ	Read LL Bean	LL Bean
		Nov 13	Holiday		
5	Sync	Nov 15	Inventory Management - EOQ		
6	Sync	Nov 17	Sourcing Introduce GSC	Read VF Brands	VF Brands Assignment/Quiz
7	Sync	Nov 20	Sourcing Continued	Read Fuyao	Fuyao
8	Sync	Nov 22	Managing Information	Read Barilla	Barilla - Group
9	Sync	Nov 27	Managing Logistics	Read Merloni	Merloni GSC Simulation - Group
10	Sync	Nov 29	Sustainability in Supply Chains	Read IKEA	IKEA – Group
		Dec 9	Exam week		Final report