

University of Alberta  
Alberta School of Business  
Department of Accounting and Business Analytics

## OM 410 Supply Chain Management LEC A1 – Fall 2021

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**Instructor:** Bora Kolfal, Ph.D.

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**Office:** BUS 3-40H (Ph.: 492-8466)

**Office hours:** 12:00 – 2:00 PM on Thursdays, or by appointment. In-person (BUS 3-40H) and online Zoom meetings (links will be posted on eClass).

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### COURSE DESCRIPTION:

The intent of the course is to cover not only high-level supply chain strategy and concepts, but also provide a solid understanding of some of the basic analytical tools and models that are necessary to effectively manage a supply chain. Some of the topics covered are: (i) models to plan and manage inventories in a supply chain, (ii) pricing and revenue management in a supply chain, and (iii) supply chain network design.

Besides traditional lectures and labs, the course will also emphasize realistic business examples and the use of easily available software tools, especially Excel.

### COURSE INFORMATION:

#### Lectures:

No class on Sep. 6th (Labour Day), Oct. 11th (Thanksgiving Day), and Nov. 8th and 10th (Reading Week).

This course has been categorized as *in-person* by the Registrar's Office, therefore, as the primary mode of delivery, lectures and exams will be held in the classroom.

The lectures will be delivered using two formats:

- **Synchronous:** In-person lectures on Mondays and Wednesdays 11:00 AM – 12:20 PM in computer lab BUS B-28. Barring technical difficulties, there will also be Zoom meetings during lectures.
- **Asynchronous:** You will be provided with pre-recorded videos; however, these videos will only cover a part of the course material.

In order to provide access to students who are unable to attend classroom lectures, there will be Zoom meetings during the live classes and they will be recorded. Zoom meeting links will be posted on the course eClass page. However, as technical difficulties might happen, I will not be able to guarantee this option for all lectures. Recordings of this course will be used to support teaching and remote learning and they will not be used or disclosed for any other purpose unless required or authorized by law.

The camera will be positioned to focus on the instructor and podium only. It is not the intent to capture the image of students or to capture students' voices. However, their image may be captured if they walk into the field of view. Also, dialogue of students who are sitting very close to the mics and those attending the Zoom meeting may be picked up by the mic recording.

Students attending the Zoom meeting will be asked to keep their cameras and audio turned off during the live classes. In case they need to turn on their cameras, it is recommended that students remove all identifiable and personal belongings from the space in which they will be participating.

## OM 410 COURSE OUTLINE

Recordings will be kept until the end of the Fall 2021 term and will be accessible by the course eClass page. Please direct any questions about recordings to me at [bkolfal@ualberta.ca](mailto:bkolfal@ualberta.ca).

### COURSE MATERIALS:

#### Textbook:

We will be using the following textbook:

- *Supply Chain Management: Strategy, Planning, and Operation*, 7<sup>th</sup> edition, by Sunil Chopra and Peter Meindl (Pearson, 2018).

A tentative course plan will be posted on the course eClass page during the first week of classes.

We will also cover topics not included in the text mentioned above. Other course materials, including the lecture PowerPoint slides, Excel spreadsheets, and exercises will be posted on the course eClass page at <https://eclass.srv.ualberta.ca/portal/>, and assignments and exams will be posted on the Online Assessment (OA) tool page at <https://apps.srv.ualberta.ca/bus/oa>.

Lectures will typically involve presentation with PowerPoint slides, working out examples in Excel, and discussions. Due to the nature of the topic, lecture slides are incomplete by design. Although the slides and example files will be posted on the course eClass page, students will need to attend and participate in each class in order to keep up with the material presented. The course moves at a very fast pace. If you are having difficulty, please discuss it with me immediately.

Students must check the course eClass and OA pages periodically for announcements and to access posted materials.

#### Software:

- MS Excel and the Solver add-in,
- MS PowerPoint and a pdf viewer, such as Adobe Reader.

There are differences between the Solver add-in for MS Excel for Windows and the Solver add-in for MS Excel for macOS (Mac computers). As the BUS lab computers have Windows, the course material is designed for the Solver add-in for MS Excel for Windows.

### OFFICE HOURS:

Office hours are between 12:00 – 2:00 PM on Thursdays, or by appointment. Office hours will be both in-person (BUS 3-40H) and online (Zoom meeting links will be posted on eClass). To make an appointment, please send me an email with a very brief description of the topic and *list at least three alternative times that works for you*.

### EVALUATION:

The course mark will be based on:

| Assessment   | Weight | Comments                                      |
|--------------|--------|---|
| Assignments  | 40%    |   |
| Midterm Exam | 20%    | 75-minute, open-book exam. Location: BUS B-28 |
| Final Exam   | 40%    | 3-hour, open-book exam. Location: TBA         |
| Total        | 100%   |   |

## OM 410 COURSE OUTLINE

All assignments and exams are to be completed individually. The course mark will be based on three components: *Assignments* (there will be 7-8 of these), *Midterm Exam*, and *Final Exam*. All assignments and exams are to be completed individually. The course mark will be calculated using the Assignment Mark (0-100), Midterm Mark (0-100), and Final Exam Mark (0-100). It will be calculated as follows:  $0.40 \times (\text{Assignment Mark}) + 0.20 \times (\text{Midterm Mark}) + 0.40 \times (\text{Final Exam Mark})$ .

- **Midterm Exam:** A 75-minute, open-book, online exam (using lab computers) on **Monday, Oct. 25<sup>th</sup>, during lecture. Location: BUS B-28.**
- **Final Exam:** A 3-hour, open-book, online exam (using lab computers) on **Monday, Dec. 13<sup>th</sup>, 2:00 – 5:00 PM. Location: TBA.**

Final grades will be based on the overall class performance. Your grade will be determined primarily by your relative standing in the course.

### STUDENT LEARNING OUTCOMES:

This course is designed to develop an understanding of the following key areas and their interrelationships:

- The strategic role of the supply chain,
- The key drivers of the supply chain performance,
- Analytic methodologies for supply chain analysis.

This course incorporates the Learning Goals of the BCom Program, in particular critical thinking, quantitative skills, written communications, and teamwork. For complete descriptions of the Learning Goals of the BCom program, see <http://business.ualberta.ca/programs/bachelor-of-commerce/prospective-students/about/learning-goals>.

### OTHER TOPICS:

Policy about course outlines can be found in Section 23.4(2) of the University Calendar.

Students who require accommodations in this course due to a disability affecting mobility, vision, hearing, learning, or mental or physical health are advised to discuss their needs with Specialized Support and Disability Services (SSDS), 2-800 Students' Union Building, 492-3381 (phone) or 492-7269 (TTY).

The University of Alberta is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect. Students are particularly urged to familiarize themselves with the provisions of the Code of Student Behaviour (online at [www.governance.ualberta.ca](http://www.governance.ualberta.ca)) and avoid any behaviour which could potentially result in suspicions of cheating, plagiarism, misrepresentation of facts and/or participation in an offence. Academic dishonesty is a serious offence and can result in suspension or expulsion from the University.

Audio or video recording of lectures, labs, seminars or any other teaching environment by students is allowed *only* with the prior written consent of the instructor or as a part of an approved accommodation plan. Recorded material is to be used solely for personal study, and is not to be used or distributed for any other purpose without prior written consent from the instructor.

All assignments and exams are to be completed individually. However, I recognize the value of studying together and comparing notes when working on assignments. To help you judge what I consider acceptable and non-acceptable collaboration, consider the following:

## OM 410 COURSE OUTLINE

### **Do's:**

- Discuss the course material with other students.
- Ask classmates for help when you are stumped.
- Offer help to other students.
- Do your own work.

### **Don'ts:**

- Discuss numerical answers with other students.
- Copy another student's spreadsheet file or other computer file. There are no exceptions to this rule! Copying another student's file for an assignment or an exam is not acceptable, under any circumstances. It is immaterial whether the copying is done electronically or manually.