

BA 280 - Supply Chain Management

COURSE SYLLABUS Spring, 2025

Instructor: Prof. Arthur Ashurov, Ph.D.

Lecture Schedule: Thursday, 12:30 PM – 3:15 PM

Credits: 3 units / 45 lecture hours

Level: Advanced (A)

Office Hours: Thursday, 11:45 AM – 12:30 PM by appointment

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Textbooks: Operations and Supply Chain Management, 2024, 17th Edition, F.

Robert Jacobs; Richard B. Chase; McGraw-Hill.

ISBN: 978-1-265-07127-1; ISBN: 978-1-266-46040-1 (loose-leaf);

ISBN: 978-1-266-27100-7 (International)

Last Revision: 01/22/25

CATALOG DESCRIPTION

This course provides an overview of how the supply chain pertains to business decision-making from a managerial perspective. The course covers the topics related to design and management of flow and storage activities of in-bound and out-bound transportation, inventory management, and the associated information processing systems requirements. (3 units). *Prerequisite: Instructor's permission*

EDUCATIONAL OBJECTIVES

- Present to students the main principles and concepts of supply chain management for both manufacturing and service organizations.
- Introduce modern supply chain systems and approaches of managing operations in these organizations.
- Motivate and train students to apply various methods of managing supply chain operations.
- Learn about current issues associated with the global supply chain and examine various approaches to designing a supply chain for optimum business performance.

COURSE LEARNING OUTCOMES¹

	Course LO	Program LO	Institutional LO	Assessment Activities
1	Demonstrate an ability to understand and apply the concepts and applications of Supply Chain Management.	PLO 1	ILO 1a, ILO 2a	Homework, participation in the in- class discussions; case studies; quizzes; midterm/final exams.
2	Demonstrate essential skills of managing and improving operations decisions in manufacturing and service supply chain.	PLO 2	ILO 1a, ILO 2a, ILO 4a	Participation in the inclass discussions; case studies; quizzes.
3	At the end of the course students will be able to demonstrate working knowledge of a variety of methods and tools used in managing and improving supply chain decisions.	PLO 3	ILO 2a, ILO 7a	Course project presentation, course project report; case studies; quizzes.
4	Be able to effectively organize team in working on a project, assign responsibility, delegate and lead.	PLO 5	ILO 4a, ILO 5a	Course project presentation; case studies

INSTRUCTIONAL METHODS

This is a direct classroom instruction course.

The course will be conducted in the form of lectures and interactive discussions on the present small business entrepreneurial thinking and management practice. Case studies will be provided.

Assignments and projects require students to actively use resources of the library. Detailed guide to business *resources of the library* as well as the description of Lincoln University approach to *information literacy* are available at the <u>LU Library</u> website (lincolnuca.libguides.com).

ATTENDANCE

Students are expected to attend each class section. If you cannot attend a class due to a valid reason, please notify the instructor prior to the class.

DROPPING THE CLASS

If you decide not to continue in the class, please call or go to Admissions and Records and drop yourself. You do not need to involve the instructor. **Do not assume that the instructor will drop you for not attending the class.**

¹ Detailed description of learning outcomes and information about the assessment procedure are available at the <u>Learning Outcomes Assessment</u> section of LU website.

GRADING POLICY

Grades will be earned as follows:

Grade Structure	Points
Team Presentation + Team Evaluation	70 + 30
Attendance	30
Participation in the Class	70
Midterm Exam	100
Final Exam	100
Total Points	400

Your grade will be determined as follows:

Points Earned	Letter Grade
360- 400; 340-359	A; A-
320-339; 300-319; 280-299	B+; B; B-
260-279; 240-259; 220-239	C+; C; C-
180-219	D
<180	F

EXAMS

We will have two exams: midterm and final exam during the semester. Exams will cover all assigned chapters, any additional readings or supplementary materials covered in class. The exams are not "open book" or "open notes".

Students may use a dictionary during exams.

Students need to complete missing assignments and tests or retake the course.

Absolutely no makeup tests and projects are allowed.

OTHER COMMENTS

- ➤ Please participate. What you put into the class will determine what you get out of it and what others get out of it.
- ➤ Please come <u>on time.</u> Late arrivals disturb everyone else. Attendance will be taken **15 minutes** after the beginning of each class.
- > Students may not read other materials (newspapers, magazines) during class.
- > Students are to remain in class during the entire session except for breaks. **Students** are not allowed to come and go during class sessions.
- ➤ If you miss a class, you are responsible for getting notes/slide printouts on the material covered from a classmate or the instructor.
- To avoid distracting noise in class, cellular phones <u>must</u> be turned off or the ringing mode silenced.
- All class participants are expected to exhibit respectful behaviors to other students and the instructor. All students have the right and privilege to learn in the class, free from harassment and disruption. Inappropriate or disruptive behavior will not be tolerated, nor will be lewd of foul language

CLASS SCHEDULE

Date	Focus of Discussion	Homework
		Assignment
Th: 01/30	Orientation via Syllabus.	Ch. 1
	Introduction to Course.	Team Project
	Class Discussion.	Assignment.
Th: 02/06	Operations and Supply Chain Strategy. Design of	Ch. 2, 3
	Products.	
Th: 02/13	Projects, Strategic Capacity Management	Ch. 4, 5
Th: 02/20	Manufacturing Processes, Facility Layouts	Ch. 7, 8
		Case 1
Th: 02/27	Service Processes, Waiting Line Analysis	Ch. 9, 10
		Case 2.
Th: 03/06	Process Design and Analysis	Ch. 11
	Midterm Exam Preview.	
Th: 03/13	Midterm Exam (Chapters 1-11)	
Th: 03/20	NO CLASS	
Th: 03/27	Quality Management and Quality Control	Ch.12,13
	Midterm Exam Results Review.	
Th: 04/03	Lean Supply Chains. Logistics	Ch.14, 15
Th: 04/10	Global Sourcing and ERP	Ch. 16, 17
Th: 04/17	Forecasting. Sales and Operations Planning	Ch. 18, 19
Th: 04/24	Inventory Management, MRP	Ch. 20, 21
		Case 3.
Th: 05/01	Workcenter Scheduling	Ch. 22
Th: 05/08	Project Team Presentation + Team Evaluation	
	Final Exam Preview	
Th: 05/15	Final Exam	

NOTE: This schedule can be changed if needed