

# SUPPLY CHAIN MANAGEMENT

**IE University**

Professor: **GYUSUK LEE**

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Degree course: **FOURTH**

Semester: **2<sup>o</sup>**

Category: **COMPULSORY**

Number of credits: **3.0**

Language: **English**

## **PREREQUISITES SUBJECT DESCRIPTION**

Supply Chain Management (SCM) is the business function that deals with the production and flow of information and material within and across organizations. It covers different areas such as controlling inventory, finding the most efficient transportation solution, determining an effective sourcing strategy, applying Lean concepts to Supply Chain, and Sustainability, among others.

This course will help students understand various aspects of a Supply Chain. It will demonstrate how successful companies run their Supply Chain, the risks inherent in an SCM, and the competitive edge that an innovative SCM can provide. This course will also introduce a few frameworks and tools to help the future professional make better decisions related to running a Supply Chain.

A well-managed Supply Chain will not only help a firm produce more effectively, it can also provide a sustainable competitive edge. Any student who expects to work with a producing firm, either as an employee, an external consultant, a customer or a supplier, will therefore benefit from a deeper understanding of the issues and opportunities inherent in a Supply Chain.

## **OBJECTIVES AND SKILLS**

During this course, students will do the following:

- Understand how the various entities of a Supply Chain affect the production and delivery of goods
- Learn models and tools that will help them make better decisions
- Study how companies have used Supply Chain to get a competitive edge

## **METHODOLOGY**

Students will be evaluated using the following criteria:

<b>Teaching methodology</b>	<b>Weighting</b>	<b>Estimated time a student should dedicate to prepare for and participate in</b>

Lectures	40.0 %	30 hours
Discussions	13.33 %	10 hours
Exercises	13.33 %	10 hours
Group work	20.0 %	15 hours
Other individual studying	13.33 %	10 hours
TOTAL	100.0 %	75 hours

## EVALUATION CRITERIA

Your final grade in the course will be based on both individual and group work of different characteristics that will be weighted in the following way:

Criteria	Percentage	Comments
Class Participation	30 %	
Group Presentation	35 %	
Final Exam	35 %	You need a minimum of 40% in the Final exam to pass the course.

You pass the course

- It is a prerequisite that you must get a minimum grade of 4 in the final exam for it to be counted for the weighted average. Students getting final exam grades below 4 will get a failing grade in the course.
- Group project members will be asked for peer review. As a result, if some members of the group contributed more, they will get a higher grade and those who didn't lower.

## PROFESSOR BIO

Professor: **GYUSUK LEE**

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### **Professor of Operations Management and Supply Chain Management**

Gyusuk Lee is an Assistant Professor of Operations Management and Supply Chain Management at IE. He received his Ph.D. in Operations and Sourcing Management from Michigan State University. Gyusuk teaches Operations Management and Supply Chain Management at IE.