Mon Jan 19 2026 13:17:49 GMT+0900 (日本標準時)

Keio University Syllabus and Timetable

JAPANESE SUPPLY CHAIN MANAGEMENT

Lecturer(s)	KHOJASTEH, YACOB
Credit(s)	2
Academic Year/Semester	2026 Spring (1st Half)
Day/Period	Thu.3,4
Campus	Mita
Classroom	467
Class Format	Face-to-face classes (conducted mainly in-person)
Registration Number	11767
Faculty/Graduate School	INTERNATIONAL CENTER
Year Level	2, 3, 4
Grade Type	S, A, B, C, D
Course Description	A course to aim to learn the supply chain strategy and concepts by focusing on some Japanese cases with a solid understandingof the tools and techniques necessary to solve supply chain problems.
K-Number	CIN-CO-00243-212-07

▼ Detail

Course Contents/Objectives/Teaching Method/Intended Learning Outcome

This course covers supply chain strategy and concepts by focusing on some Japanese cases, and provides the students with a solid understanding of the tools and techniques necessary to solve supply chain problems. Key drivers of supply chain performance such as forecasting demand, logistics and transportation, decision-making tools, information, and sourcing will be covered. It helps students develop the ability to evaluate supply chain performance and to formulate required strategies.

Course Taught by Faculty Member with Professional Experience

Not applicable

Active Learning Methods Description

Presentations
Group work

Preparatory Study

- We will use Excel in almost every class meeting, including the Excel add-in, Solver, for solving supply chain problems. A strong working knowledge of Excel, including advanced features and formula input, is a prerequisite for this course.
- Homework problems will be assigned after each topic to reinforce the concepts covered in lectures. Students are expected to work on those assignments as a study tool for the exam.

Course Plan

Lesson 1

Introduction to supply chain management

Lesson 2

Decision making tools in SCM

Lesson 3

Forecasting demand - concepts and tools

Lesson 4

Forecasting demand in SCM I

Lesson 5

Forecasting demand in SCM II

Lesson 6

Linear programming (LP) models and its application in logistics

Lesson 7

Computer software for LP models

Lesson 8

Logistics and transportation models

Lesson 9

Computer software for transportation models

Lesson 10

SCM analytics

Lesson 11

Group presentations

Lesson 12

Group presentations

Lesson 13

Course wrap-up and review

Lesson 14

Exam

Other

Office hours

Method of Evaluation

Class attendance（10%）
Homework assignments（10%）
Exam （65%）
Case assignment/presentations (15%)

Generative AI Policy for Classes

This course emphasizes students' critical thinking skills and ability to express oneself. As such, the use of generative AI is not permitted. Generative AI may not be used for drafting assignments, and preparing presentations.
If it is discovered that AI was used for these purposes, the work may receive no credit, and the student may be subject to disciplinary action for academic misconduct. When in doubt, please consult beforehand with the instructor.

Textbooks

Lecture handouts will be provided as the course proceeds.

Reference Books

Heizer J., Render B. and Munson, C. (2017) *Operations Management: Sustainability and Supply Chain Management*, 12th edition, Pearson International Edition

Khojasteh, Y. ed. (2018) *Supply Chain Risk Management: Advanced Tools, Models, and Developments*, Springer

Khojasteh, Y., Xu, H. and Zolfaghari, S. eds. (2022) *Supply Chain Risk Mitigation: Strategies, Methods and Applications*, Springer