

Syllabus

Advanced Supply Chain Management

Prof.	Name	Suk-Chul Rim	Sub.	Student	Department	Industrial Engineering
	Position	Professor			Major	Industrial Engineering
	Group	Industrial Engineering				

1. Course Description

This course deals with the basic and advanced issues of the supply chain management, including the concept of SCM, inventory management, demand planning, supply planning, sales & operations planning, CPFR, and distribution network. We will study concepts and quantitative models for each issue; and corresponding case studies will follow to clarify the concept. Students will learn the capability and insights to solve the real-world problems in the supply chain of manufacturing and distribution industry.

2. Teaching Methods

Followed by the textbook and course schedule.

3. Evaluation

Mid-term exam 30%
Final exam 30%
Case presentation 20%
Homework/quiz 10%
Attendance and course participation 10%

4. TextBooks

Textbook: "Designing and Managing the Supply Chain: Concepts, Strategies and Case Studies" (3rd edition)
by David Simchi-Levi et al. (McGraw-Hill International Edition)

5. Lecture Schedule

Week	Lecture contents	Lesson type	Remark
1	Ch.1 Introduction to SCM	Lecture	
2	Ch.2 Purchasing Management	Lecture	
3	Ch.3 SRM	Lecture	
4	Ch.4 Strategic Sourcing	Lecture	
5	Ch.5 CPFR	Lecture	
6	Ch.7 Inventory Management	Lecture	
7	Ch.7 Inventory Management	Lecture	
8	Mid-Term Exam		
9	Ch.9 Logistics Management	Lecture	
10	Ch.10 CRM	Lecture	
11	Ch.11 Location Decisions	Lecture	
12	Ch.14 Performance Measurement	Lecture	
13	Special Issues of SCM(1)	Lecture / Presentation	
14	Special Issues of SCM(2)	Lecture / Presentation	
15	Special Issues of SCM(3)	Lecture / Presentation	
16	Final Examination	기말고사	

6. Others

- 수강생은 주당 평균 8시간 정도의 학습을 필요로 함.
- 한국어로 진행.
- 영어 교과서 구입을 강력 추천함