

# 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