



Syllabus (SEM)

Advance Management Concentrated on Supply Chain Management
Professor Dr. Sidong Zhang

1 Course abstract

This course introduces you to the key concepts and latest technologies in the discipline of supply chain management, identifies supply chain trends and evolution. A company's supply chain is crucial to its strategic differentiation and performance. The goal of this course is to provide a basis for sound management intuition in the context of supply chain management and to provide a framework for evaluating and enhancing practices. This goal is pursued through case studies, exercises, simulation and journal paper readings.

The course covers operation strategy, operation process, quality management, demand management, inventory management and sustainable operation design.

2 Objectives

All objectives listed here will be demonstrated in writing unless otherwise stated. Upon completion of this course, you will be able to:

1. have an understanding of key concepts of supply chain management for both service and manufacturing organizations,
2. be able to integrate the supply chain function within the general business structure of the organization,
3. improve your analysis skills, particularly in the context of setting up and analyzing supply chain issues,
4. develop critical thinking skills and experience business decision-making from a long-term, performance oriented perspective

3 Teaching methods

The course is mainly based on case study, lecture and independent reading. Guest lectures will be arranged during the course covering variety topics in supply chain management.

4 Evaluation and grading

Grading

Written Assignment (case study, journal paper analysis, problem solving) 90%
Participation 10%

Course name: Supply Chain Management

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Professor: Dr. Sidong Zhang



5 Readings

Readings:

Sunil Chopra, "Supply Chain Management (Fifth Edition)", Pearson Education Publishing
ISBN-10: 0132743957

Case, journal papers and others

6 Course outline

CAUTION: this outline aims to provide you with an overall picture of the course structure. Your professor might adjust the learning path during the course according to the expectations and skills of the class.

<i>Feburay 28, 2017</i>	<i>Tuesday 13:30 – 17:00</i>	<i>Week 1</i>
Lecture:	Introduction of the course and syllabus Logistics Trends	
<i>March 7, 2017</i>	<i>Tuesday 13:30 – 17:00</i>	<i>Week 2</i>
Lecture:	Introduction to Supply Chain Management	
<i>March 14, 2017</i>	<i>Tuesday 13:30 – 17:00</i>	<i>Week 3</i>
Lecture:	Introduction to Supply Chain Management	
<i>March 21, 2017</i>	<i>Tuesday 13:30 – 17:00</i>	<i>Week 4</i>
Lecture:	Managing Channel Profit	
<i>March 28, 2017</i>	<i>Tuesday 13:30 – 17:00</i>	<i>Week 5</i>
	Block Seminar: Professor Straube	
<i>April 4, 2017</i>	<i>Tuesday 13:30 – 17:00</i>	<i>Week 6</i>
Lecture:	Designing the Supply Chain Network	
<i>April 11, 2017</i>	<i>Tuesday 13:30 – 17:00</i>	<i>Week 7</i>
Lecture:	Planning for Supply And Demand	
<i>April 18, 2017</i>	<i>Tuesday 13:30 – 17:00</i>	<i>Week 8</i>
Lecture:	Inventory Management	
<i>April 25, 2017</i>	<i>Tuesday 13:30 – 17:00</i>	<i>Week 9</i>
Lecture:	Queueing Theory	
<i>May 2, 2017</i>	<i>Tuesday 13:30 – 17:00</i>	<i>Week 10 (National Holiday)</i>
Lecture:	Designing Low Footprint Distribution Networks	