



OM 320 Introduction to Supply Chain Management Term : 151 Room : 24/273 Time : M W, 1:10 – 2:25	<u>Instructor:</u> Dr Aymen Kayal Office Hours :U T, 10:00 to 11:00 AM Office Location : Room 204 Building 24 Office Telephone : 860-7188 E-mail : akayal@kfupm.edu.sa
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Text Book

Supply Chain Management: A Global Perspective. Nada R. Sanders, Wiley, 2012.

Course Description

The Course is designed to introduce the students to the subject of “Supply Chain Management” (SCM). This course contents includes, but not limited to the following: Supply Chain Management & Competitive strategy, Customer fulfillment strategy, Design and Analysis of Global Supply Chain Management, In addition the course addresses recent developments in Supply Chain Management, such as Chain Optimization, Collaboration & Integration. The main objective of this course is to provide students with a comprehensive foundation of SCM. Topics that are discussed include purchasing, supply management, inventory, and logistics.

Learning Objectives

On successful completion of this course, students will:

- Understand the role and importance of SCM in the performance of the organization as a whole.
- Understand the primary concepts used in supply chain management.
- Be familiar with important problem solving methods and techniques used in the field.
- Make informed and critical judgments about SCM related issues.

Course Format:

To accomplish the course objectives, the course format will include lectures, case analyses and projects. Lectures will highlight and clarify important material in the text. Students are required to read the assigned materials before class. Cases and project assignments will be assigned by instructor. In addition, real world experiences will be provided through guest speakers from the local industry.

Class Attendance:

The KFUPM rules regarding attendance will be strictly enforced. A grade of “DN” will be given to students who accumulate more than 6 unexcused absences. For unexcused absences of less than the limits stated above, points will be deducted from participation. In addition, points will be deducted for late attendance.

Topics to be Covered
CHAPTER 1 Introduction to Supply Chain Management.
CHAPTER 2 Supply Chain Strategy.
CHAPTER 3 Network & System Design.
CHAPTER 4 Marketing.
CHAPTER 5 Operations Management.
CHAPTER 6 Sourcing.
CHAPTER 7 Logistics.
CHAPTER 8 Forecasting & Demand Planning.
CHAPTER 9 Inventory Management.
CHAPTER 10 Lean Systems & Six-Sigma Quality.
CHAPTER 11 Supply Chain Relationship Management.
CHAPTER 12 Global Supply Chain Management.

Grading:

<u>Item</u>	<u>Percentage</u>
Exam 1	30%
Final Exam	30%
Case work	20%
Team Project	20%
Total	100 %

IMPORTANT NOTE:

PLEASE CHECK THE COURSE WEBSITE REGULARLY. ALL COURSE MATERIALS SUCH AS ASSIGNMENTS, CASES, PROJECTS AND COMMUNICATION WILL BE POSTED ON IT.