## 0962學期課程基本資料

| 系所 / 年級 | 經管系碩士班 1年級 |
| 課號 / 班別 | 83M00007 / A |
| 學分數 | 3學分 |
| 選別 | 選修 |
| 科目中文名稱 | 供應鏈管理 |
| 科目英文名稱 | Supply chain management |
| 主要授課老師 | 邱煥能 |
| 開課期間 | 一學期 |
| 人數上限 | 9人 |
| 已選人數 | 9人 |

### 起始週 / 結束週 / 上課地點 / 上課時間

- 第1週 / 第18週 / I221 / 星期2第06節
- 第1週 / 第18週 / I221 / 星期2第07節
- 第1週 / 第18週 / I221 / 星期2第08節

請各位同學遵守智慧財產權觀念，請勿非法影印。

## 教學綱要

### 一、教學目標 (Objective)

When a student successfully completes this course, he/she should be able to:
1. Understand the theoretical framework of supply chain management (SCM), the pragmatic way to install a supply chain system, the intractable problems possibly confronted, and some keys to successfully operate the system.
2. Learn the techniques and approaches from case studies to design a supply chain system effectively.
3. Obtain contemporary important concepts on both theory and practice in SCM.
4. Implement a SCM project in which he/she should work together with other team members.

### 二、先修科目 (Pre Course)

The heightened intensity of global competition and drastically ever-changing environment force logistics companies to reorient their business strategies and deploy the way of globalization. The purpose is to improve the abilities of managing those logistics firms in a supply chain. The emphasis in the course is on collaborative operations among the supply chain members. Topics that can be viewed as prerequisites for achieving close collaboration such as materials supply/manufacturing/distribution network design, strategic partnering supply chain system planning, logistics cost analysis, and information technology application are discussed. The course also provides graduate students with many practical cases as well as numerous examples related to global logistics management.

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### 三、教材內容 (Outline)

The heightened intensity of global competition and drastically ever-changing environment force logistics companies to reorient their business strategies and deploy the way of globalization. The purpose is to improve the abilities of managing those logistics firms in a supply chain. The emphasis in the course is on collaborative operations among the supply chain members. Topics that can be viewed as prerequisites for achieving close collaboration such as materials supply/manufacturing/distribution network design, strategic partnering supply chain system planning, logistics cost analysis, and information technology application are discussed. The course also provides graduate students with many practical cases as well as numerous examples related to global logistics management.

### 四、教學方式 (Teaching Method)

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### 五、參考書目 (Reference)

2008/2/26  Introduction to Supply Chain Management (SCM)
2008/3/4  SCM Configuration and Its Operations
2008/3/11 Supply Chain Integration and Collaboration
2008/3/18 SCM Case Studies
2008/3/25 SCM Strategic Planning and Alliances
2008/4/1 SCM System Planning and Design (1): Chain Store Alliance Management
2008/4/8 SCM System Planning and Design(2): Order Entry-Item-Quantity(EIQ) Analysis and Distribution Center Design/Layout
2008/4/15 SCM System Planning and Design(3): Distribution Requirements Planning (DRP) and Bullwhip Effect
2008/4/22 Midterm Examination
2008/4/29 SCM System Planning and Design(4): Distribution Center Storage Assignment and Order Picking
2008/5/6 SCM System Planning and Design(5): Distribution Center Vehicle Routing Scheduling (VRS) and Transportation
2008/5/13 SCM System Planning and Design(6): The selection of Global Logistics Management Models
2008/5/20 SCM Cost Analysis (including Activity-Based Costing (ABC) and Distribution Service Pricing)
2008/5/27 Information Technology(1): Information Framework, Bar Coding and RFID, Point of Sale (POS), Electronic Order System (EOS), Value Added Network (VAN), and Electronic Data Interchange (EDI)
2008/6/3 Information Technology(2): Product Data Management (PDM), Enterprise Resource Planning (ERP), Executive Information System (EIS), Customer Relationship Management (CRM), and Electronic Commerce (EC)
2008/6/10 SCM Performance Evaluation
2008/6/17 Team Project Presentation
2008/6/24 Submit Final Hard-Copy and Digital Project Report