



課 綱 Course Outline  
運籌管理研究所碩士班一般組

中文課程名稱 Course Name in Chinese	供應鏈管理				
英文課程名稱 Course Name in English	Supply Chain Management				
科目代碼 Course Code	GSLM50100	班 別 Degree	碩士班 Master' s		
修別 Type	必修 Required	學分數 Credit(s)	3.0	時 數 Hour(s)	3.0
先修課程 Prerequisite	None				
課程目標 Course Objectives					
The course is designed to prepare students to understand the issues in supply chain management (SCM), and develop the ability to formulate quantitative decision models for SCM					
系教育目標 Dept.' s Education Objectives					
1	培養具備管理科學與運籌供應鏈知識能力之專業人才。 To nurture professionals with knowledge and skills in management science, logistics, and supply chain management				
2	培養具備邏輯思考與決策分析能力之管理專業人才。 To nurture management professionals with logical thinking and analytical decision skills				
3	培養具備國際溝通與簡報能力之專業人才 To nurture bilingual professionals with communication and presentation skills				
4	培養具有國際視野與在地經驗之運籌管理專才。 To nurture professionals in logistics management with global vision and local experience				
系專業能力 Basic Learning Outcomes				課程目標與系專業能力相關性 Correlation between Course Objectives and Dept.' s Education Objectives	
A	基礎運籌、供應鏈管理知識 Foundations on logistics and supply chain management			●	
B	運籌系統管理知識 Knowledge on logistics system management			○	

C	運籌工具方法知識 Knowledge on analytical tools and methodologies in logistics	○
D	語文表達能力 Language and communication skills	○
圖示說明Illustration : ● 高度相關 Highly correlated ○ 中度相關 Moderately correlated		
課程大綱 Course Outline		
1. Understanding the SCM 2. Supply chain performance and drivers 3. Network design in the supply chain 4. Demand forecasting 5. Aggregate planning 6. Managing economies of scale in a supply chain 7. Managing uncertainty in a supply chain 8. Determine the optimal level of product availability 9. Coordination in a supply chain 10. Sourcing decision in a supply chain 11 Pricing and revenue management in a supply chain		
資源需求評估 (師資專長之聘任、儀器設備的配合 . . . 等) Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)		
Faculty with expertise in business management or global logistics managemen		
課程要求和教學方式之建議 Course Requirements and Suggested Teaching Methods		
This course will be lectured in English, and students are encouraged to communicate in English during class. We will discuss several articles (or cases) throughout this semester. In addition, there is a case presentation in the end of the semester.		
其他 Miscellaneous		
Syllabus design for the following school calendar year (適用入學新生年度):2006-2007		