

Syllabus and Course Description

Spring Semester of the Academic Year of 2014

Course Title : (Chinese) 供應鏈與系統整合 (English) Supply Chain and System Integration		Department/ Institute	Business Administration		
		Permanent Course ID	MBA8016		
Instructor: Jih-Biing SHEU					
Credits	3	Required/Elective	Elective	Year of Students	Ph.D. students
Required competence or courses that must be previously taken by students: No					
Course Descriptions and Objectives: This major objective of this course is to familiarize students with the trend and development of up-to-date research in the fields of supply chain management (SCM) and integrated logistics management. Related key papers are selected, reviewed and discussed in teamwork. In addition, basic concepts, fundamentals and distinctive features of published methodologies used to address related issues are introduced. Students are expected to be trained to enhance their capabilities of problem mining, solving, and literature review so as to gain more research interests and novel ideas for future research.					
Textbooks (please specify titles, authors, publishers and year of publication)	Textbook: Handout References: 1. Papers published in related journals (e.g., Operations Research, Management Science, Production and Operations Management, Journal of Operations Management, Transportation Research Part E, European Journal of Operational Research, and others related).				
Course Contents			Hours		Remarks
Topics	Outlines	Lectures	Demonstration	Experiment	
	The content of the course covers the following six subareas: 1. Advanced Logistics Distribution and Transportation Systems 2. Green supply chain management (Green-SCM) 3. Emergency and humanitarian logistics 4. Supply chain coordination and cooperation 5. Global supply chain management (Global-SCM) 6. Supply chain risk management and resilience				
Features of Teaching (design of materials, pedagogy, evaluation, resources and other facilities): 1. Literature Review (50%) 2. Final Report (30%) 3. Class Discussion & Participation (20%)					
Office Hours	Time Slot	Location		Contact Information	
	15:00-17:00 (Wednesday)	Office (room 610, Management Building II)		Email: jbsheu@ntu.edu.tw TEL:02-3366-1069	
Syllabus					
Week	Date	Contents/Topic			
1	02/17	Introduction to Supply Chain and System Integration			
2	02/24	Intelligent Logistics and Transportation Systems (I)			
3	03/03	Intelligent Logistics and Transportation Systems (II)			

4	03/10	Green supply chain management (I)
5	03/17	Green supply chain management (II)
6	03/24	Emergency and humanitarian logistics (I)
7	03/31	Emergency and humanitarian logistics (II)
8	04/07	No Class
9	04/14	Supply chain coordination and cooperation (I)
10	04/21	Supply chain coordination and cooperation (II)
11	04/28	Global supply chain management (I)
12	05/05	Global supply chain management (II)
13	05/12	Invited Speech (for English Writing Skills)
14	05/19	Supply chain disruption risk management and resilience (I)
15	05/26	Supply chain disruption risk management and resilience (II)
16	06/02	Dragon Boat Festival
17	06/09	Final Report
18	06/16	Final Examination

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