Tamkang University Academic Year 104, 2nd Semester Course Syllabus

Course Title	SUPPLY CHAIN MANAGEMENT	Instructor	WU JIINPO
Course Class	TQIDB4A DIVISION OF APPLIED INFORMATICS, DEPARTMENT OF INNOVATIVE INFORMATION AND TECHNOLOGY (ENGLISH-TAUGHT PROGRAM), 4A	Details	◆ Selective ◆ One Semester ◆ 3 Credits

Departmental Aim of Education

Cultivate professional talents in developing and applying information system in various fields.

Departmental core competences

A. Capability of computer program coding, process planning, and problem solving

B. Capability of applying basic mathematics and information technology related mathematics

C. Capability of applying knowledge of internet structure and protocol in communication system

D. Capability of developing information system

E. Capability of integrating information system

Course Introduction	This course focuses on the analysis and management of supply chain and logistics management. Topics include customer service, inventory management, information systems, order processing, transportation, logistics relationships, performance measurement, and supply chain strategy.

The Relevance among Teaching Objectives, Objective Levels and Departmental core competences

I.Objective Levels (select applicable ones) :
 (i) Cognitive Domain   : C1-Remembering,   C2-Understanding,   C3-Applying,
                          C4-Analyzing,   C5-Evaluating,   C6-Creating
 (ii) Psychomotor Domain : P1-Imitation,   P2-Mechanism,   P3-Independent Operation,
                          P4-Linked Operation, P5-Automation,   P6-Origination
 (iii) Affective Domain : A1-Receiving,   A2-Responding,   A3-Valuing,
                          A4-Organizing,   A5-Charaterizing,   A6-Implementing

II.The Relevance among Teaching Objectives, Objective Levels and Departmental core competences :
 (i) Determine the objective level(s) in any one of the three learning domains (cognitive,
     psychomotor, and affective) corresponding to the teaching objective. Each objective should
     correspond to the objective level(s) of ONLY ONE of the three domains.
 (ii) If more than one objective levels are applicable for each learning domain, select the
     highest one only. (For example, if the objective levels for Cognitive Domain include
     C3,C5,and C6, select C6 only and fill it in the boxes below. The same rule applies to
     Psychomotor Domain and Affective Domain.)
 (iii) Determine the Departmental core competences that correspond to each teaching objective.
     Each objective may correspond to one or more Departmental core competences at a time.
     (For example, if one objective corresponds to three Departmental core competences: A,AD,
     and BEF, list all of the three in the box.)

No.	Teaching Objectives	Relevance	
		Objective Levels	Departmental core competences
1	Develop an understanding of the importance of logistics in the formation of business strategy and the conduct of supply chain operations.	C2	E
2	Understand the importance and implications of a customer-focused logistics strategy.	C4	E
3	Develop an in-depth understanding of lean and agile supply chain management	C4	E
4	Strengthen integrative management analytical and problem-solving skills.	C4	E

Teaching Objectives, Teaching Methods and Assessment

No.	Teaching Objectives	Teaching Methods	Assessment
1	Develop an understanding of the importance of logistics in the formation of business strategy and the conduct of supply chain operations.	Lecture, Discussion	Written test, Participation
2	Understand the importance and implications of a customer-focused logistics strategy.	Lecture, Discussion	Written test, Participation

3	Develop an in-depth understanding of lean and agile supply chain management	Lecture, Discussion	Written test, Participation
4	Strengthen integrative management analytical and problem-solving skills.	Lecture, Discussion	Written test, Participation

This course has been designed to cultivate the following essential qualities in TKU students	
Essential Qualities of TKU Students	Description
◆ A global perspective	Helping students develop a broader perspective from which to understand international affairs and global development.
◆ Information literacy	Becoming adept at using information technology and learning the proper way to process information.
◆ A vision for the future	Understanding self-growth, social change, and technological development so as to gain the skills necessary to bring about one's future vision.
◇ Moral integrity	Learning how to interact with others, practicing empathy and caring for others, and constructing moral principles with which to solve ethical problems.
◆ Independent thinking	Encouraging students to keenly observe and seek out the source of their problems, and to think logically and critically.
◇ A cheerful attitude and healthy lifestyle	Raising an awareness of the fine balance between one's body and soul and the environment; helping students live a meaningful life.
◆ A spirit of teamwork and dedication	Improving one's ability to communicate and cooperate so as to integrate resources, collaborate with others, and solve problems.
◇ A sense of aesthetic appreciation	Equipping students with the ability to sense and appreciate aesthetic beauty, to express themselves clearly, and to enjoy the creative process.

Course Schedule

Week	Date	Subject/Topics	Note
1	105/02/15 ~ 105/02/21	SCM overview, course administration	
2	105/02/22 ~ 105/02/28	Global supply chain operations	R1_Chap 2
3	105/02/29 ~ 105/03/06	Supply chain planning and Design	R1_Chap 3
4	105/03/07 ~ 105/03/13	Lean supply management, agile supply management	R1_Chap 4, 5
5	105/03/14 ~ 105/03/20	Purchasing and supplier seection	R1_Chap 6
6	105/03/21 ~ 105/03/27	Relationships and integration	R1_Chap 7
7	105/03/28 ~ 105/04/03	Introduction to beer game	Supplemental material
8	105/04/04 ~ 105/04/10	Beer game competition (individual)	Supplemental material
9	105/04/11 ~ 105/04/17	Beer game competition (team)	Supplemental material

10	105/04/18 ~ 105/04/24	Midterm Exam Week	
11	105/04/25 ~ 105/05/01	Guide to deliver in supply chain management	R2_Chap 5
12	105/05/02 ~ 105/05/08	Guide to strategy in supply chain management	R2_Chap 7
13	105/05/09 ~ 105/05/15	A framework for Collaborative Planning, Forecasting and Replenishment (CPFR)	Supplemental materials
14	105/05/16 ~ 105/05/22	Integrating cloud computing in supply chain processes	Supplemental materials
15	105/05/23 ~ 105/05/29	Graduate Exam Week	
16	105/05/30 ~ 105/06/05	---	
17	105/06/06 ~ 105/06/12	---	
18	105/06/13 ~ 105/06/19	---	

Requirement	ATTENDANCE IS MANDATORY and will be recorded using interactive Zuvio software. There is no distinction made between excused and unexcused absences: A student is either in attendance or not. A student who misses a class is responsible for all material missed.
Teaching Facility	Computer
Textbook(s)	Chopra, Sunil and Peter Meindl (2016). Supply Chain Management: Strategy, Planning, and Operations, 6th Ed. Pearson Education.
Reference(s)	(R1) Lu, Dawei (2011) . Fundamental of Supply Chain Management. http://bookboon.com (R2) Scott, Colin, Henriette Lundgren, and Paul Thompson (2011). Guide to Suppy Chain Management, Springer Heidelberg Dordrecht London New York (R3) Ross, David Frederick(2011). Inroduction to Supply Chain Management Technologies, 2nd. Ed., CRC Press Taylor &amp;amp;amp;amp;amp;amp; Francis Group. John J., Coyle, C. John Langley Jr., Robert A. Novack, and Brian J. Gibson (2013). Managing Supply Chains: A Logistics Approach, 9th Edition
Number of Assignment(s)	(Filled in by assignment instructor only)
Grading Policy	◆ Attendance：　　　 % ◆ Mark of Usual：　　 % ◆ Midterm Exam： 25.0 % ◆ Final Exam：　25.0 % ◆ Other〈Beer Game, Zuvio〉：50.0 %
Note	This syllabus may be uploaded at the website of Course Syllabus Management System at http://info.ais.tku.edu.tw/csp or through the link of Course Syllabus Upload posted on the home page of TKU Office of Academic Affairs at http://www.acad.tku.edu.tw/CS/main.php . ※ **Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.**