

Tamkang University Academic Year 107, 2nd Semester Course Syllabus

Course Title	ENTERPRISE RESOURCE PLANNING	Instructor	CHEN, DUEN-KAI
Course Class	TQIDB2A DIVISION OF APPLIED INFORMATICS, DEPARTMENT OF INNOVATIVE INFORMATION AND TECHNOLOGY (ENGLISH- TAUGHT PROGRAM), 2A	Details	<ul style="list-style-type: none"> ◆ Selective ◆ One Semester ◆ 3 Credits
Departmental Aim of Education			
Cultivate professional talents in developing and applying information system in various fields.			
Departmental core competences			
<ul style="list-style-type: none"> 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	<p>The skills and knowledge you will gain from this course include a)basic understanding of ERP b)planning and design issues of ERP c)address the challenges of successful ERP project implementation. We strongly encourage students to get ERP related certificates.</p>		

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	a)basic understanding of ERP b)planning and design issues of ERP c)address the challenges of successful ERP project implementation.	P3	E

Teaching Objectives, Teaching Methods and Assessment

No.	Teaching Objectives	Teaching Methods	Assessment
1	a)basic understanding of ERP b)planning and design issues of ERP c)address the challenges of successful ERP project implementation.	Lecture, Discussion, Practicum	Written test, Practicum, Report, 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	108/02/18 ~ 108/02/24	Course Overview and Introduction to ERP	
2	108/02/25 ~ 108/03/03	A Foundation for Understanding ERP Systems	
3	108/03/04 ~ 108/03/10	A Foundation for Understanding ERP Systems	
4	108/03/11 ~ 108/03/17	Reengineering and ERP Systems	
5	108/03/18 ~ 108/03/24	Reengineering and ERP Systems	
6	108/03/25 ~ 108/03/31	Planning, Designing, and Implementation of ERP systems	
7	108/04/01 ~ 108/04/07	Planning, Designing, and Implementation of ERP systems	
8	108/04/08 ~ 108/04/14	Managing an ERP project	
9	108/04/15 ~ 108/04/21	Managing an ERP project	
10	108/04/22 ~ 108/04/28	Midterm Exam Week	
11	108/04/29 ~ 108/05/05	ERP systems – Sales, Marketing, Finance, Production	
12	108/05/06 ~ 108/05/12	ERP systems – Sales, Marketing, Finance, Production	

13	108/05/13 ~ 108/05/19	ERP systems – Sales, Marketing, Finance, Production	
14	108/05/20 ~ 108/05/26	ERP systems – Sales, Marketing, Finance, Production	
15	108/05/27 ~ 108/06/02	Integrated Case Study	
16	108/06/03 ~ 108/06/09	Integrated Case Study and Course Review	
17	108/06/10 ~ 108/06/16	Term project presentation	
18	108/06/17 ~ 108/06/23	Final Exam Week	
Requirement	We strongly encourage students to get ERP related certificates.		
Teaching Facility	Computer, Projector, Other (DSC ERP system)		
Textbook(s)	Mary Sumner, Enterprise Resource Planning, Pearson Education		
Reference(s)	蔡文賢編譯·企業資源規劃導論暨台灣精選個案·高立 鼎新Workflow ERP GP - ERP基礎觀念及導入方法篇, 鼎新知識學院 鼎新Workflow ERP GP - 配銷模組應用篇, 鼎新知識學院		
Number of Assignment(s)	(Filled in by assignment instructor only)		
Grading Policy	◆ Attendance : % ◆ Mark of Usual : 30.0 % ◆ Midterm Exam : 10.0 % ◆ Final Exam : 10.0 % ◆ Other 〈專題〉 : 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.		