

Tamkang University Academic Year 111, 2nd Semester Course Syllabus

Course Title	ENTERPRISE INFORMATION SYSTEM	Instructor	CHEN, DUEN-KAI
Course Class	TEIDB2A DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION ENGINEERING (ENGLISH-TAUGHT PROGRAM), 2A	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Selective ◆ One Semester
Relevance to SDGs	SDG4 Quality education		
Departmental Aim of Education			
<ul style="list-style-type: none"> I. Comprehend professional knowledge. II. Acquire mastery of Practical Skills. III. Establish creative achievement. 			
Subject Departmental core competences			
<ul style="list-style-type: none"> A. Programming and application ability.(ratio:15.00) B. Mathematical reasoning ability.(ratio:15.00) C. Implementing computer systems ability.(ratio:15.00) D. Computer networking application skills.(ratio:15.00) E. Professional skills for information technology (IT) industry.(ratio:40.00) 			
Subject Schoolwide essential virtues			
<ul style="list-style-type: none"> 1. A global perspective. (ratio:10.00) 2. Information literacy. (ratio:20.00) 3. A vision for the future. (ratio:10.00) 4. Moral integrity. (ratio:10.00) 5. Independent thinking. (ratio:10.00) 6. A cheerful attitude and healthy lifestyle. (ratio:10.00) 7. A spirit of teamwork and dedication. (ratio:20.00) 8. A sense of aesthetic appreciation. (ratio:10.00) 			

Course Introduction	This course introduces business related tasks and processes, that are supported by IT solutions, with a special focus on Enterprise Resource Planning (ERP), Supply Chain Management (SCM), Customer Relationship Management (CRM), Business Intelligence (BI) and Big Data analytics.
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The correspondences between the course's instructional objectives and the cognitive, affective, and psychomotor objectives.

Differentiate the various objective methods among the cognitive, affective and psychomotor domains of the course's instructional objectives.

I. Cognitive : Emphasis upon the study of various kinds of knowledge in the cognition of the course's veracity, conception, procedures, outcomes, etc.

II. Affective : Emphasis upon the study of various kinds of knowledge in the course's appeal, morals, attitude, conviction, values, etc.

III. Psychomotor: Emphasis upon the study of the course's physical activity and technical manipulation.

No.	Teaching Objectives	objective methods
1	This course introduces business related tasks and processes, that are supported by IT solutions.	Cognitive

The correspondences of teaching objectives : core competences, essential virtues, teaching methods, and assessment

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	ABCDE	12345678	Lecture, Discussion, Practicum	Study Assignments, Discussion(including classroom and online), Report(including oral and written), Certificates

Course Schedule

Week	Date	Course Contents	Note
1	112/02/13 ~ 112/02/19	Course Overview and a Brief Introduction to Information Systems for Management	
2	112/02/20 ~ 112/02/26	Enterprise Systems for Management Overview	
3	112/02/27 ~ 112/03/05	Digital Enterprise	
4	112/03/06 ~ 112/03/12	Enterprise Systems Architecture and Implementation Strategies	

5	112/03/13 ~ 112/03/19	Enterprise Systems Architecture and Implementation Strategies	
6	112/03/20 ~ 112/03/26	Enterprise Resource Planning	
7	112/03/27 ~ 112/04/02	Enterprise Resource Planning	
8	112/04/03 ~ 112/04/09	Teaching administration observation period & National holidays	
9	112/04/10 ~ 112/04/16	Enterprise Resource Planning	
10	112/04/17 ~ 112/04/23	Midterm Exam Week	
11	112/04/24 ~ 112/04/30	Supply Chain Management	
12	112/05/01 ~ 112/05/07	Customer Relationship Management	
13	112/05/08 ~ 112/05/14	Customer Relationship Management	
14	112/05/15 ~ 112/05/21	Business Intelligence	
15	112/05/22 ~ 112/05/28	Business Intelligence	
16	112/05/29 ~ 112/06/04	Data Analytics	
17	112/06/05 ~ 112/06/11	Data Analytics	
18	112/06/12 ~ 112/06/18	Final Exam Week	
Requirement			
Teaching Facility	Computer, Projector		
Textbooks and Teaching Materials	Klaus-Dieter Gronwald, Integrated Business Information Systems: A Holistic View of the Linked Business Process Chain ERP-SCM-CRM-BI-Big Data, 2nd Edition. Springer.		
References	<p>1. Motiwalla, L. F., & Thompson, J. (2012). Enterprise systems for management, 2nd Edition. Boston, MA: Pearson. 2. McComb, D. (2019). The Data-Centric Revolution: Restoring Sanity to Enterprise Information Systems. Technics Publications. 3. Ladley, J. (2010). Making enterprise information management (EIM) work for business: A guide to understanding information as an asset. Morgan Kaufmann.</p>		
Number of Assignment(s)	(Filled in by assignment instructor only)		
Grading Policy	<p>◆ Attendance : % ◆ Mark of Usual : 60.0 % ◆ Midterm Exam : 5.0 % ◆ Final Exam : 5.0 % ◆ Other <Project / Case Study> : 30.0 %</p>		

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>.

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