Tamkang University Academic Year 112, 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	◆ General Course ◆ Selective ◆ One Semester
Relevance to SDGs	SDG4 Quality education		

Departmental Aim of Education

Ⅰ. Comprehend professional knowledge.

Ⅱ. Acquire mastery of Practical Skills.

Ⅲ. Establish creative achievement.

Subject Departmental core competences

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

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.	

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), Practicum, Report(including oral and written), Certificates

Course Schedule

Week	Date	Course Contents	Note
1	113/02/19 ~ 113/02/25	Course Overview and a Brief Introduction to Information Systems for Management	
2	113/02/26 ~ 113/03/03	Enterprise Systems for Management Overview	
3	113/03/04 ~ 113/03/10	Digital Enterpise	

4	113/03/11 ~ 113/03/17	Enterprise Systems Architecture and Implementation Strategies	
5	113/03/18 ~ 113/03/24	Enterprise Systems Architecture and Implementation Strategies	
6	113/03/25 ~ 113/03/31	Enterprise Resource Planning	
7	113/04/01 ~ 113/04/07	Teaching administration observation period & National holidays	
8	113/04/08 ~ 113/04/14	Enterprise Resource Planning	
9	113/04/15 ~ 113/04/21	Midterm Exam Week	
10	113/04/22 ~ 113/04/28	Enterprise Resource Planning	
11	113/04/29 ~ 113/05/05	Supply Chain Management	
12	113/05/06 ~ 113/05/12	Customer Relationship Management	
13	113/05/13 ~ 113/05/19	Customer Relationship Management	
14	113/05/20 ~ 113/05/26	Business Intelligence	
15	113/05/27 ~ 113/06/02	Business Intelligence	
16	113/06/03 ~ 113/06/09	Data Analytics	
17	113/06/10 ~ 113/06/16	Final Exam Week (Date:113/6/11-113/6/17)	
18	113/06/17 ~ 113/06/23	Flex week, learning activities should be arranged.	
Key capabilities	self-directed learning Information Technology Problem solving Interdisciplinary		
Interdisciplinary			
Distinctive teaching			
Course Content	Logical Thinking AI application		

Requirement	
Textbooks and Teaching Materials	Self-made teaching materials:Presentations, Handouts Using teaching materials from other writers:Textbooks, Presentations, Videos
References	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.
Grading Policy	◆ Attendance： 　% ◆ Mark of Usual：60.0 % ◆ Midterm Exam： 5.0 % ◆ Final Exam： 5.0 % ◆ Other〈Project / Case Study〉：30.0 %
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.**