

Tamkang University Academic Year 108, 1st Semester Course Syllabus

Course Title	DECISION SUPPORT SYSTEMS	Instructor	LIN HUI
Course Class	TQICB4A DIVISION OF SOFTWARE ENGINEERING, DEPARTMENT OF INNOVATIVE INFORMATION AND TECHNOLOGY (ENGLISH TAUGHT PROGRAM), 4A	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Selective ◆ One Semester
Departmental Aim of Education			
Cultivate professional talents in developing and applying information system in various fields.			
Subject Departmental core competences			
E. Capability of integrating information system(ratio:100.00)			
Subject Schoolwide essential virtues			
<ol style="list-style-type: none"> 1. A global perspective. (ratio:10.00) 2. Information literacy. (ratio:60.00) 3. A vision for the future. (ratio:20.00) 5. Independent thinking. (ratio:10.00) 			
Course Introduction	Learn the foundation concepts of the Decision Support System and Business Intelligence. Including decision making, computerized support, decision support system methodologies and the essentials of business intelligence.		

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	Learn basic concepts of decision-making. Understands decision support systems. Recognize different types of decision support systems used in the workplace. Determine which type of decision support system is applicable in specific situation.	Cognitive

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	E	1235	Lecture, Practicum, Experience	Testing, Study Assignments, Practicum, Activity Participation

Course Schedule

Week	Date	Course Contents	Note
1	108/09/09 ~ 108/09/15	Introduction to DSS	
2	108/09/16 ~ 108/09/22	Decision Support and Business Intelligent	
3	108/09/23 ~ 108/09/29	Decision Support and Business Intelligent	
4	108/09/30 ~ 108/10/06	Decision Making, System, Modeling, and Support	
5	108/10/07 ~ 108/10/13	Decision Making, System, Modeling, and Support	
6	108/10/14 ~ 108/10/20	Decision Support Systems Concepts, Methodologies, and Technologies: An Overview	
7	108/10/21 ~ 108/10/27	Decision Support Systems Concepts, Methodologies, and Technologies: An Overview	
8	108/10/28 ~ 108/11/03	Modeling and Analysis	
9	108/11/04 ~ 108/11/10	Modeling and Analysis	

10	108/11/11 ~ 108/11/17	Midterm Exam Week	
11	108/11/18 ~ 108/11/24	Modeling and Analysis	
12	108/11/25 ~ 108/12/01	Data Mining for Business Intelligence	
13	108/12/02 ~ 108/12/08	Data Mining for Business Intelligence	
14	108/12/09 ~ 108/12/15	Text and Web Mining	
15	108/12/16 ~ 108/12/22	Text and Web Mining	
16	108/12/23 ~ 108/12/29	Data Warehousing	
17	108/12/30 ~ 109/01/05	Data Warehousing	
18	109/01/06 ~ 109/01/12	Final Exam Week (Date:109/1/3-109/1/9)	
Requirement	依本校學則第三十八條第二款規定辦理扣考		
Teaching Facility	Computer, Projector		
Textbooks and Teaching Materials	Business Intelligence and Analytics System for Decision Support and,10e, Turban(華泰)		
References	決策支援系統,李俊民譯(華泰)		
Number of Assignment(s)	10 (Filled in by assignment instructor only)		
Grading Policy	◆ Attendance : 10.0 % ◆ Mark of Usual : 10.0 % ◆ Midterm Exam : 30.0 % ◆ Final Exam : 30.0 % ◆ Other < 4 Quizzes > : 20.0 %		
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.		