

Tamkang University Academic Year 108, 2nd Semester Course Syllabus

Course Title	WIRELESS NETWORK	Instructor	WU, SHIH-JUNG
Course Class	TQIDB4A DIVISION OF APPLIED INFORMATICS, 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			
C. Capability of applying knowledge of internet structure and protocol in communication system(ratio:100.00)			
Subject Schoolwide essential virtues			
2. Information literacy. (ratio:70.00) 3. A vision for the future. (ratio:20.00) 5. Independent thinking. (ratio:10.00)			
Course Introduction	This course introduces wireless and mobile network architectures, Personal Communication Services (PCS) offers the enterprise freedom of communication through mobility.		

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 wireless and mobile network architectures, Personal Communication Services (PCS) offers the enterprise freedom of communication through mobility.	Cognitive

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	C	235	Lecture, Practicum	Testing, Discussion(including classroom and online)

Course Schedule

Week	Date	Course Contents	Note
1	109/03/02 ~ 109/03/08	Introduction	
2	109/03/09 ~ 109/03/15	Cellular System Evolution	
3	109/03/16 ~ 109/03/22	2G-GSM	
4	109/03/23 ~ 109/03/29	GPRS	
5	109/03/30 ~ 109/04/05	3G-UMTS	
6	109/04/06 ~ 109/04/12	HSPA	
7	109/04/13 ~ 109/04/19	LTE	
8	109/04/20 ~ 109/04/26	WiMAX	
9	109/04/27 ~ 109/05/03	Midterm Exam Week	
10	109/05/04 ~ 109/05/10	WiMAX-QoS	
11	109/05/11 ~ 109/05/17	MIP,SIP.VOIP	

12	109/05/18 ~ 109/05/24	Heterogeneous management	
13	109/05/25 ~ 109/05/31	Heterogeneous management	
14	109/06/01 ~ 109/06/07	Graduate Exam Week	
15	109/06/08 ~ 109/06/14	Supplementary teaching.If necessary.	
16	109/06/15 ~ 109/06/21	---	
17	109/06/22 ~ 109/06/28	---	
18	109/06/29 ~ 109/07/05	---	
Requirement			
Teaching Facility	Computer, Projector		
Textbooks and Teaching Materials	Teach solution is designed by professor.		
References	Wireless-related books		
Number of Assignment(s)	(Filled in by assignment instructor only)		
Grading Policy	◆ Attendance : 10.0 % ◆ Mark of Usual : 30.0 % ◆ Midterm Exam : 30.0 % ◆ Final Exam : 30.0 % ◆ Other < > : %		
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.		