

Tamkang University Academic Year 109, 2nd Semester Course Syllabus

Course Title	NETWORK AND COMMUNICATION	Instructor	FENG-CHENG CHANG
Course Class	TQIDB2R DIVISION OF APPLIED INFORMATICS, DEPARTMENT OF INNOVATIVE INFORMATION AND TECHNOLOGY (ENGLISH-TAUGHT PROGRAM), 2R	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Required ◆ One Semester
Relevance to SDGs	SDG4 Quality education		
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:10.00) 5. Independent thinking. (ratio:20.00)			
Course Introduction	The goal of this course is to give students a superior foundation in network communications. Focus on OSI seven layers model.		

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	Understand the network technologies, principles of communication, and protocol.	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	Testing, Study Assignments

Course Schedule

Week	Date	Course Contents	Note
1	110/02/22 ~ 110/02/28	Computer Networks and the Internet	
2	110/03/01 ~ 110/03/07	Computer Networks and the Internet	
3	110/03/08 ~ 110/03/14	Computer Networks and the Internet	
4	110/03/15 ~ 110/03/21	Application Layer	
5	110/03/22 ~ 110/03/28	Application Layer	
6	110/03/29 ~ 110/04/04	Application Layer	
7	110/04/05 ~ 110/04/11	Transport Layer	
8	110/04/12 ~ 110/04/18	Transport Layer	
9	110/04/19 ~ 110/04/25	Transport Layer	
10	110/04/26 ~ 110/05/02	Midterm Exam Week	
11	110/05/03 ~ 110/05/09	The Network Layer	
12	110/05/10 ~ 110/05/16	The Network Layer	

13	110/05/17 ~ 110/05/23	The Network Layer	
14	110/05/24 ~ 110/05/30	The Network Layer	
15	110/05/31 ~ 110/06/06	The Link Layer and LANs	
16	110/06/07 ~ 110/06/13	The Link Layer and LANs	
17	110/06/14 ~ 110/06/20	The Link Layer and LANs	
18	110/06/21 ~ 110/06/27	Final Exam Week	
Requirement	For quizzes and assignments: NO make-up and late submission (unless a proper reason is provided).		
Teaching Facility	Computer, Projector		
Textbooks and Teaching Materials	Computer Networking: A Top-Down Approach: Global Edition -- James Kurose, Keith Ross (ISBN13: 9780273768968, ISBN10: 0273768964)		
References	Internet-related books		
Number of Assignment(s)	5 (Filled in by assignment instructor only)		
Grading Policy	◆ Attendance : % ◆ Mark of Usual : 10.0 % ◆ Midterm Exam : 25.0 % ◆ Final Exam : 25.0 % ◆ Other <Assignments> : 40.0 %		
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.		