Tamkang University Academic Year 111, 2nd Semester Course Syllabus

Course Title	INTRODUCTION TO COMPUTER NETWORK	Instructor	CHU, LIOU
Course Class	TEIDB2A DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION ENGINEERING (ENGLISH-TAUGHT PROGRAM), 2A	Details	◆ General Course ◆ Required ◆ One Semester
Relevance to SDGs	SDG4 Quality education SDG9 Industry, Innovation, and Infrastructure SDG11 Sustainable cities and communities		

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:40.00)

E. Professional skills for information technology (IT) industry.(ratio:15.00)

Subject Schoolwide essential virtues

1. A global perspective. (ratio:10.00)

2. Information literacy. (ratio:30.00)

3. A vision for the future. (ratio:10.00)

4. Moral integrity. (ratio:20.00)

5. Independent thinking. (ratio:15.00)

6. A cheerful attitude and healthy lifestyle. (ratio:5.00)

7. A spirit of teamwork and dedication. (ratio:5.00)

8. A sense of aesthetic appreciation. (ratio:5.00)

	This course introduces a superior foundation in network communications.
Course Introduction	

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	Understanding of 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	ABCDE	12345678	Lecture	Testing

Course Schedule			
Week	Date	Course Contents	Note
1	112/02/13 ~ 112/02/19	Computer Networks and the Internet.	
2	112/02/20 ~ 112/02/26	Computer Networks and the Internet.	
3	112/02/27 ~ 112/03/05	Computer Networks and the Internet.	
4	112/03/06 ~ 112/03/12	Application Layer.	
5	112/03/13 ~ 112/03/19	Application Layer.	
6	112/03/20 ~ 112/03/26	Application Layer.	

7	112/03/27 ~ 112/04/02	Transport Layer.	
8	112/04/03 ~ 112/04/09	Transport Layer.	
9	112/04/10 ~ 112/04/16	Transport Layer.	
10	112/04/17 ~ 112/04/23	Midterm Exam Week	
11	112/04/24 ~ 112/04/30	The Network Layer.	
12	112/05/01 ~ 112/05/07	The Network Layer.	
13	112/05/08 ~ 112/05/14	The Network Layer.	
14	112/05/15 ~ 112/05/21	The Network Layer.	
15	112/05/22 ~ 112/05/28	The Link Layer and LANs.	
16	112/05/29 ~ 112/06/04	The Link Layer and LANs.	
17	112/06/05 ~ 112/06/11	The Link Layer and LANs.	
18	112/06/12 ~ 112/06/18	Final Exam Week	

Requirement	1. Attendance of all classes is required. 　請務必出席所有課程。 2. Any absence will result in at least 5 points of "Participation and performance" deducted. Please call me or text me before class. 　病假事假扣「課堂表現」5分，請上課前通知老師。 3. Absence without leave will result in 30 points of "Participation and performance" deducted. 　曠課每次扣「課堂表現」30分。 4.Cheating or plagiarism will result in failure in the course. 　作弊、抄襲會導致本課程不及格。 5. Talking, eating, using mobile phone and wearing slippers during class are not allowed, and will be expelled from the class. 　上課請勿： 　交談、飲食、使用行動電話，或穿著拖鞋。 　以上行為因影響教師課程進行，將被要求離開教 　室。 6. Late arrival, early departure (over 20 minutes), and the stated inappropriate behavior will result in 30 points of "Participation and performance" deducted. 　遲到、早退 (超過20分鐘)，及前述不當行為每次 　扣「課堂表現」30分。 7. There will be at least 4 home assignments and 2 quizzes.
Teaching Facility	Computer, Projector
Textbooks and Teaching Materials	Computer Networking: A Top-Down Approach: Global Edition -- James Kurose, Keith Ross.
References	

Number of Assignment(s)	**4** (Filled in by assignment instructor only)
Grading Policy	◆ Attendance： 20.0 % ◆ Mark of Usual： % ◆ Midterm Exam： 20.0 % ◆ Final Exam： 20.0 % ◆ Other〈quizzes〉：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.**