朝陽科技大學 096學年度第1學期教學大綱
Computer Networks 電腦網路

當期課號	2406	Course Number	2406
授課教師	施再繁	Instructor	SHIH,TZAY FARN
中文課名	電腦網路	Course Name	Computer Networks
開課單位	資訊工程系(四日)二B	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	這門課的目標是提供學生電腦網路的知識，主題包括：網路簡介、網路實體層、資料連結層、網路層與應用層的演算法與協定。在完成這門課之後，學生將可以學習到下面幾點：1.瞭解網路各層的功能；2.瞭解網路層間的互相運作；3.瞭解網路上不同系統相對應層的協定運作；4.建立網路整體的觀念、演算法與協定。	Objectives	The goal of this course is to provide students with a basic knowledge of the computer networking. The main topics include networking introduction, Physical Layer of Networks, Data-link Layer of Networks, Network Layer of Networks, and Application Layer of Networks. Students will realize the following backgrounds of this course after completing the course: 1. The function of each network layer; 2. The operation of inter-layer; 3. Understand the operation of protocols; 4. Understand the algorithms and concepts of layered protocols.
教材	Computer Networks, Andrew S. Tanenbaum, 4th edition, Prentice Hall Kurose and Rose, “Computer Networking,”4th edition, Addison Wesley	Teaching Materials	Computer Networks, Andrew S. Tanenbaum, 4th edition, Prentice Hall Kurose and Rose, “Computer Networking,”4th edition, Addison Wesley
成績評量方式	1. 作業: 30% 2. 期中考: 30% 3. 期末: 30% 4. 課堂參與: 10%	Grading	1. Homework: 30% 2. Midterm Exam.:30% 3. Final Project: 30% 4. Class Participation: 10%
教師網頁	http://www.cyut.edu.tw/~tfshih		
教學內容	『PART I -- Introduction of Computer Networks』 『PART II -- Local Area Networks』 『PART III – High Speed Networking』 『 PART IV – Internet and Internetworking 』	Syllabus	『PART I -- Introduction of Computer Networks』 『PART II -- Local Area Networks』 『PART III – High Speed Networking』 『 PART IV – Internet and Internetworking 』

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