朝陽科技大學 093學年度第2學期教學大綱
Introduction to Wireless Networks Introduction 無線網路概論

當期課號	2042	Course Number	2042
授課教師	詹益禎	Instructor	CHEN,YI CHENG
中文課名	無線網路概論	Course Name	Introduction to Wireless Networks Introduction
開課單位	資訊工程系(四日)四A	Department	
修習別	選修	Required/Elective	Elective
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		Teaching Materials	
成績評量方式	1.Homework: 30% 2.Midterm: 30% 3.Final Report: 40%	Grading	1.Homework: 30% 2.Midterm: 30% 3.Final Report: 40%
教師網頁			
教學內容	1.Introduction 2.Transmission Fundamentals 3.Computer Networks Overview 4.Protocols and TCP/IP Review 5.Wireless Communication Technology 6.Mobile and Wireless Networking 7.Wireless LANs 8.Personal Area Networks	Syllabus	1.Introduction 2.Transmission Fundamentals 3.Computer Networks Overview 4.Protocols and TCP/IP Review 5.Wireless Communication Technology 6.Mobile and Wireless Networking 7.Wireless LANs 8.Personal Area Networks

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