朝陽科技大學 094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	2071	Course Number	2071
授課教師	王能中	Instructor	WANG,NENG CHUNG
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	顏春煌, "行動與無線通訊(Mobile and Wireless Communications)", 金禾資訊股份有限公司出版, 2005 (ISBN: 986-7844-66-1)	Teaching Materials	
成績評量方式	Paper Presentation (30%), Midterm Exam (30%), Final Project (40%)	Grading	Paper Presentation (30%), Midterm Exam (30%), Final Project (40%)
教師網頁	http://www.csie.cyut.edu.tw/~ncwang		
教學內容	This course is aimed at introducing the concepts of wireless networks. The following topics will be covered in this class: 1. Communication Principle 2. Wireless Communication Networks 3. PCS, GSM, GPRS 4. Wireless LAN, Mobile IP, Bluetooth 5. 3G Mobile Systems 6. Beyond 3G Mobile Systems	Syllabus	This course is aimed at introducing the concepts of wireless networks. The following topics will be covered in this class: 1. Communication Principle 2. Wireless Communication Networks 3. PCS, GSM, GPRS 4. Wireless LAN, Mobile IP, Bluetooth 5. 3G Mobile Systems 6. Beyond 3G Mobile Systems

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