朝陽科技大學 098學年度第2學期教學大綱
Wireless Networks 無線網路

當期課號	7767	Course Number	7767
授課教師	李建緯	Instructor	LI,JIAN WEI
中文課名	無線網路	Course Name	Wireless Networks
開課單位	資訊工程系碩士在職專班一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無線網路的知識，主題包括：無線網路簡介、無線網路實體層、無線網路資料連結層、無線網路網路層、行動節點換手問題與方法行動IP協定運作。在完成這門課之後，學生將可以學習到下面幾點：1.瞭解無線網路最低三層的功能；2.瞭解無線網路層間的互相運作；3.瞭解無線網路上的換手與行動IP協定運作；4.建立無線網路運作的觀念、演算法與協定。	Objectives	The goal of this course is to provide students with a basic knowledge of the wireless networking. The main topics include wireless networking introduction, Physical Layer of Wireless Networks, Data-link Layer of Wireless Networks, Network Layer of Wireless Networks, and Handoff and Mobile IP of Networks. Students will realize the following backgrounds of this course after completing the course: 1. The function of the lower three layers of wireless network; 2. The operation of inter-layer in wireless networks; 3. Understand the operation of protocols in wireless networks; 4. Understand the algorithms and concepts of layered protocols in wireless networks.
教材	Reference books slides Papers	Teaching Materials	Reference books slides Papers
成績評量方式	Homework, Midterm, Paper Study and Final Proposal	Grading	Homework, Midterm, Paper Study and Final Proposal
教師網頁			
教學內容	1. Introduction of Wireless Networking 2. Layer 1 for Wireless Networks 3. Layer 2 for Wireless Networks 4. Layer 3 for Wireless Networks 5. Layer 4 for Wireless Networks 6. Mobile communications 7. Heterogenous Wireless Networking	Syllabus	1. Introduction of Wireless Networking 2. Layer 1 for Wireless Networks 3. Layer 2 for Wireless Networks 4. Layer 3 for Wireless Networks 5. Layer 4 for Wireless Networks 6. Mobile communications 7. Heterogenous Wireless Networking

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