朝陽科技大學 093學年度第1學期教學大綱
Mobile Communication 行動計算

當期課號	7256	Course Number	7256
授課教師	楊偉儒	Instructor	YANG,WEI ZU
中文課名	行動計算	Course Name	Mobile Communication
開課單位	網路與通訊研究所碩士班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	由於行動計算所帶來的便利性以及寬廣的聯繫能力，使得行動計算在下一個世代中成爲一個重要的新興研究主題。本課程將會教導學生關於行動計算的基本理念，然後更深入的探討以下的研究主題：(1) Mobile IP (IPv6), (2) 行動管理(mobility management), (3) 無線TCP (4) Ad Hoc網路, and (5) 路由及安全。	Objectives	This course is designed to teach students various technologies for wireless networks. The topics discussed in the course include (1) Wireless LAN and its research in 802.11, WLAN security, (2) GPRS wireless network, (3) Wireless Application Protocol (WAP) and (4) Bluetooth Issues and Applications.
教材	Papers and lecture notes	Teaching Materials	
成績評量方式	Discussing 30% Presentation 20% Final Report 15% Simulaation Project 15% Final Exam 20%	Grading	Discussing 30% Presentation 20% Final Report 15% Simulaation Project 15% Final Exam 20%
教師網頁			
教學內容	Mobile environments/GSM/GPRS/3G systems Mobile IP and research problems Ad hoc Networks and researches Bluetooth and researches Wireless LAN and its researches	Syllabus	Mobile environments/ GSM/GPRS/3G systems Mobile IP and research problems Ad hoc Networks and researches Bluetooth and researches Wireless LAN and its researches