朝陽科技大學 091學年度第1學期教學大綱
Mobile Communication 行動計算

當期課號	7425	**Course Number**	7425
授課教師	楊朝成	**Instructor**	YANG,CHOU CHEN
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	Lecture and Discussing Project simulation	**Teaching Materials**	
成績評量方式	Discussing 30% Presentation 20% Final Report 15% Simulaation Project 15% Final Exam 20%	**Grading**	
教師網頁			
教學內容	Mobile environments Mobile IP and research problems Ad hoc Networks and researches GSM/GPRS systems and security Bluetooth and researches Wireless LAN and its researches	**Syllabus**	

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