朝陽科技大學 095學年度第1學期教學大綱
Wireless communication systems 無線通訊系統

當期課號	7415	Course Number	7415
授課教師	黃永發	Instructor	HUANG,YUNG FA
中文課名	無線通訊系統	Course Name	Wireless communication systems
開課單位	網路與通訊研究所碩士班二A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	"本課程針對無線通訊系統之基本原理與觀念作廣泛之探討，主題包含下列無線通訊網路系統: 1. PCS, GSM, GPRS 2. Wireless LAN, Mobile IP, Bluetooth 3. 3G Mobile Systems 4. Beyond 3G Mobile Systems 5. Wireless Sensor networks "	Objectives	This course provides a general overview of wireless communication systems and addresses fundamental concepts in this field. After a review of spread spectrum systems and their application to multiuser communications, advanced wireless communication systems and general concepts of wide and local area wireless networks are described.
教材	1.Theodore S. Rappaport, "Wireless Communications," Prentice Hall, 2001. 2.William Stalling, "Wireless Communication and Networks", Prentice Hall,2002(滄海代理,ISBN:0-13-095011-4) 3.Principles of Spread Spectrum Communication, A. J. Viterbi, Addison-Wesley, 1995.	Teaching Materials	1.Theodore S. Rappaport, "Wireless Communications," Prentice Hall, 2001. 2.William Stalling, "Wireless Communication and Networks", Prentice Hall,2002(滄海代理,ISBN:0-13-095011-4) 3.Principles of Spread Spectrum Communication, A. J. Viterbi, Addison-Wesley, 1995.
成績評量方式	Midterm 30% Homeworks 30% Final Reports 40%	Grading	Midterm 30% Homeworks 30% Final Reports 40%
教師網頁	www.cyut.edu.tw/~yfahuang		
教學內容	This course provides a general overview of the concepts of wireless communication systems. The following topics will be covered in this class. 1.PCS, GSM, GPRS 2.Wireless LAN, Mobile IP, Bluetooth 3.3G Mobile Systems 4.Beyond 3G Mobile Systems	Syllabus	This course provides a general overview of the concepts of wireless communication systems. The following topics will be covered in this class. 1.PCS, GSM, GPRS 2.Wireless LAN, Mobile IP, Bluetooth 3.3G Mobile Systems 4.Beyond 3G Mobile Systems

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