

朝陽科技大學 094學年度第1學期教學大綱  
Wireless communication systems 無線通訊系統

當期課號	7406	Course Number	7406
授課教師	廖俊鑑	Instructor	LIAW,JIUN JIAN
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	Lecture Notes	Teaching Materials	
成績評量方式	Homework and Paper Presentation (40%), Midterm Exam (30%), Final Project (30%)	Grading	Homework and Paper Presentation (40%), Midterm Exam (30%), Final Project (30%)
教師網頁	-		
教學內容	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. 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 5. Mobile Ad Hoc Networks 6. Wireless Sensor networks	Syllabus	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. 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 5. Mobile Ad Hoc Networks 6. Wireless Sensor networks

尊重智慧財產權，請勿非法影印。