朝陽科技大學 095學年度第2學期教學大綱
Advanced Computer Networks 高等電腦網路

當期課號	7363	Course Number	7363
授課教師	林芳昌	Instructor	LIN,FANG CHANG
中文課名	高等電腦網路	Course Name	Advanced Computer Networks
開課單位	資訊管理系碩士班二A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	本課程將介紹先進的電腦網路與通訊方面的主題，除了網際網路上的協定如IPv6、行動IP、及SCTP之外，還包括無線網路與行動通訊方面的主題如行動隨意網路、藍芽、以及無線感應器網路等。	Objectives	This course will provide an up-to-date survey of developments in computer network and communication issues. Inadditon to the Internet protocols such as IPv6, Mobile IP, and SCTP, wireless communication and mobile communication will be discussed such as mobile ad hoc networks, bluetooth, and wireless sensor networks.
教材	1. Papers 2. IETF RFC 3. "Computer Networking: A Top-Down Approach Featuring the Internet," third editon, J.F. Kurose and K.W. Ross, Addison Wesley, 2004. 4. "Wireless and Mobile ALL-IP Networks," Yi-Bing Lin and Ai-Chun Pang, Wiley, 2005. 5. "Wireless Sensor Networks," Callaway, Auerbach, 2004. 6. "Mobile Internet," Apostolis K. Salkintzis (Ed.), CRC Press, 2004.	Teaching Materials	1. Papers 2. IETF RFC 3. "Computer Networking: A Top-Down Approach Featuring the Internet," third editon, J.F. Kurose and K.W. Ross, Addison Wesley, 2004. 4. "Wireless and Mobile ALL-IP Networks," Yi-Bing Lin and Ai-Chun Pang, Wiley, 2005. 5. "Wireless Sensor Networks," Callaway, Auerbach, 2004. 6. "Mobile Internet," Apostolis K. Salkintzis (Ed.), CRC Press, 2004.
成績評量方式	1. Participation: 40% 2. Mid-term examination: 20% 3. Final project: 40%	Grading	1. Participation: 40% 2. Mid-term examination: 20% 3. Final project: 40%
教師網頁			
教學內容	1. Advanced TCP and IP protocols 2. Mobile IP 2. Wireless communication 3. Bluetooth 4. Sensor networks 5. Multimedia netwoking	Syllabus	1. Advanced TCP and IP protocols 2. Mobile IP 2. Wireless communication 3. Bluetooth 4. Sensor networks 5. Multimedia netwoking

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