

朝陽科技大學 091學年度第2學期教學大綱
High Speed Networking 高速網路

當期課號	7369	Course Number	7369
授課教師	張本杰	Instructor	CHANG,BEN JYE
中文課名	高速網路	Course Name	High Speed Networking
開課單位	資訊工程系碩士班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	這門課的目標是提供學生高速網路方面的知識。在完成這門課之後，學生將可以學習到下面幾點：1. 高速網路基本概念 2. 高速乙太網路 3. 超高速乙太網路 4. 光纖分散式界面網路 5. 非同步傳輸模式網路 6. 高速無線網路。	Objectives	The goal of this course is to provide the students with a basic knowledge of Internet Technologies. The students will realize the following high speed network technologies after finishing this course: 1. High Speed Network Concept 2. Fast Ethernet 3. Gigabit Ethernet 4. FDDI Network 5. ATM Network 6. High Speed Wireless Network
教材	Teaching in classroom	Teaching Materials	Teaching in classroom
成績評量方式	Homework 20% Midterm 30% Project 20% Final exam 30%	Grading	Homework 20% Midterm 30% Project 20% Final exam 30%
教師網頁	-		
教學內容	High Speed Networking Concept PS vs. CS High Speed Networks on Layer 2 IEEE 802.3u (FE) IEEE 802.3z/ab (GE) IEEE 802.3ae (10GE) ANSI X3T9.5 (FDDI) ATM High Speed Networks on Layer 3 IPv4 IPv6 Internet QoS Framework High Speed Networks on Layer 4 TCP/UDP High Speed Wireless Networking WLAN IEEE 802.11a/b Mobile IP 3G WCDMA 3GPP Cellular IP Paper study	Syllabus	High Speed Networking Concept PS vs. CS High Speed Networks on Layer 2 IEEE 802.3u (FE) IEEE 802.3z/ab (GE) IEEE 802.3ae (10GE) ANSI X3T9.5 (FDDI) ATM High Speed Networks on Layer 3 IPv4 IPv6 Internet QoS Framework High Speed Networks on Layer 4 TCP/UDP High Speed Wireless Networking WLAN IEEE 802.11a/b Mobile IP 3G WCDMA 3GPP Cellular IP Paper study

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