

朝陽科技大學 092學年度第1學期教學大綱
High Speed Networking 高速網路

當期課號	7305	Course Number	7305
授課教師	張林煌	Instructor	CHANG,LIN HUANG
中文課名	高速網路	Course Name	High Speed Networking
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	網路協定,高速區域網路,隨機程序簡介,排隊分析,擁塞控制,連結層與錯誤控制,外部Routing協定 ,IP網路之QoS	Objectives	Protocols and the TCP/IP Suite, High-Speed LANs, Overview of Probability and Stochastic Process, Queuing Analysis, Congestion Control in Data Networks and Internets, Link-Level Flow and Error Control, Exterior Routing Protocols and Multicast, Quality of Service in IP networks
教材	Class presentation, paper survey and report	Teaching Materials	Class presentation, paper survey and report
成績評量方式	Midterm 30%, Final exam 30%, Final project 40%	Grading	Midterm 30%, Final exam 30%, Final project 40%
教師網頁	-		
教學內容	This course will provide an up-to-date survey of developments in high speed network area. Based on the Internet Protocol and the entire TCP/IP protocol suite, and ATM networks, we will cover the multimedia, congestion control, and QoS issues.	Syllabus	This course will provide an up-to-date survey of developments in high speed network area. Based on the Internet Protocol and the entire TCP/IP protocol suite, and ATM networks, we will cover the multimedia, congestion control, and QoS issues.

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