朝陽科技大學 096學年度第1學期教學大綱
Internet Technologies 網際網路技術

當期課號	2424	Course Number	2424
授課教師	張本杰	Instructor	CHANG,BEN JYE
中文課名	網際網路技術	Course Name	Internet Technologies
開課單位	資訊工程系(四日)三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網際網路方面的知識。在完成這門課之後，學生將可以學習到下面幾點： 1. 網際網路通訊協定 2. 網際網路交換設備 3. IPv6次世代網際網路協定 4. 路由演算法 5.流量控制 6. 網際網路服務品質。	Objectives	The goal of this course is to provide the students with a basic knowledge of Internet Technologies. The students will realize the following internet technologies after finishing this course: 1. communication protocols 2. switching equipments 3. IPv6 Next Generation Internet Protocol 4. routing protocol 5. traffic control 6. Internet Quality of Service (QoS).
教材	Text books Behrouz A. Forouzan, “TCP/IP Protocol Suites,” 3rd, Mcgraw Hill, 2006. References Douglas Comer, “INTERNETWORKING WITH TCP/IP VOL.1: PRINCIPLES, PROTOCOLS AND ARCHITECTURE”, 5ed., Prentice Hall, 2006. J. Doyle and J. Carroll, “Routing TCP/IP, Volume 1 (2nd Edition) (CCIE Professional Development)”, Cisco Press, 2005.	Teaching Materials	Text books Behrouz A. Forouzan, “TCP/IP Protocol Suites,” 3rd, Mcgraw Hill, 2006. References Douglas Comer, “INTERNETWORKING WITH TCP/IP VOL.1: PRINCIPLES, PROTOCOLS AND ARCHITECTURE”, 5ed., Prentice Hall, 2006. J. Doyle and J. Carroll, “Routing TCP/IP, Volume 1 (2nd Edition) (CCIE Professional Development)”, Cisco Press, 2005.
成績評量方式	Homework 30% Midterm 40% Project 30%	Grading	Homework 30% Midterm 40% Project 30%
教師網頁	_		
教學內容	Network Layer Basic IP Routing IPv6 Next Generation Internet Wireless IP Mobile IPv4 and IPv6 Project Transport Layer TCP UDP Project Internet QoS Routing Best-effort routing RSVP Scheduling and Policing Mechanisms Project	Syllabus	Network Layer Basic IP Routing IPv6 Next Generation Internet Wireless IP Mobile IPv4 and IPv6 Project Transport Layer TCP UDP Project Internet QoS Routing Best-effort routing RSVP Scheduling and Policing Mechanisms Project

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