朝陽科技大學 099學年度第1學期教學大綱
Computer Networks Practice 電腦網路實習

當期課號	2462	**Course Number**	2462
授課教師	范揚文	**Instructor**	FAN,YANG WEN
中文課名	電腦網路實習	**Course Name**	Computer Networks Practice
開課單位	資訊管理系(四日)三C	**Department**	
修習別	必修	**Required/Elective**	Required
學分數	2	**Credits**	2
課程目標	我們將研讀及動手練習如何架設一個簡單的網路，設定網路作業系統的作業環境，及管理網路的運作。	**Objectives**	In laboratory, every students need to construct a simple network, setup the network operating system, and maintain the operation of network server include file server, web server, DNS server, NIS server, etc. There is an operating topic every week.
教材	自編教材: www.cyut.edu.tw/~ywfan	**Teaching Materials**	Reference: www.cyut.edu.tw/~ywfan
成績評量方式	操作測驗 70% 上課表現 30%	**Grading**	LAB: 70% Present: 30%
教師網頁	www.cyut.edu.tw/~ywfan		
教學內容	主題包含連接WAN; 建立安全的網路; 網路媒介; 繞路協定的操作; IP 定址; 網路設備的組態設定; VLAN的架設; 點對點網路的連接; ACL的管理設計等.	**Syllabus**	The topics include connecting to a WAN; implementing network security; network types; network media; routing and switching fundamentals; the TCP/IP and OSI models; IP addressing; WAN technologies; operating and configuring IOS devices; extending switched networks with VLANs; determining IP routes; managing IP traffic with access lists; establishing point-to-point connections; and establishing Frame Relay connections.