朝陽科技大學 098學年度第2學期教學大綱
Applications of Computer Networks Engineering 網路工程實務

當期課號	2734	Course Number	2734
授課教師	范揚文	Instructor	FAN,YANG WEN
中文課名	網路工程實務	Course Name	Applications of Computer Networks Engineering
開課單位	資訊管理系(四日)三A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	此課程是依據CCNA的課程來進行，除了介紹網路的基礎知識外，還有LAN和WAN的實際架設，包含的協定有IP、IGRP、Frame Relay、IP RIP、VLANS、RIP、Ethernet和Access Lists等。	Objectives	The CCNA(Cisco Certified Network Associate) course will certify that the successful student has important knowledge and skills necessary to select, connect, configure, and troubleshoot the various Cisco networking devices. The course covers topics on Extending Switched Networks with VLANS, Determining IP Routes, Managing IP traffic with Access Lists, Establishing Point-to-Point connections, and Establishing Frame Relay Connections.
教材	cisco.netacad.net Packet tracer CCNA discovery	Teaching Materials	cisco.netacad.net Packet tracer CCNA discovery
成績評量方式	考試: 75% 操作: 25%	Grading	Test: 75% LAB: 25%
教師網頁	www.cyut.edu.tw/~ywfan		
教學內容	The CCNA certification (Cisco Certified Network Associate) indicates a foundation in and apprentice knowledge of networking. CCNA certified professionals can install, configure, and operate LAN, WAN, and dial access services for small networks (100 nodes or fewer), including but not limited to use of these protocols: IP, IGRP, Serial, Frame Relay, IP RIP, VLANs, RIP, Ethernet, Access Lists.	Syllabus	The CCNA certification (Cisco Certified Network Associate) indicates a foundation in and apprentice knowledge of networking. CCNA certified professionals can install, configure, and operate LAN, WAN, and dial access services for small networks (100 nodes or fewer), including but not limited to use of these protocols: IP, IGRP, Serial, Frame Relay, IP RIP, VLANs, RIP, Ethernet, Access Lists.

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