# 朝陽科技大學 093學年度第2學期教學大綱
# Applications of Computer Networks Engineering 網路工程實務

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| 當期課號 | 1202 | Course Number | 1202 |
| 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<br>光碟片 | Teaching Materials | |
| 成績評量方式 | 考試: 75%<br>操作: 25% | Grading | |
| 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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