

朝陽科技大學 099學年度第1學期教學大綱
Internet Technologies 網際網路技術

| | | | |
|--------|---|--------------------|---|
| 當期課號 | 2522 | Course Number | 2522 |
| 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 | <p>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。</p> | Objectives | <p>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).</p> |
| 教材 | <p>Text books Behrouz A. Forouzan, "TCP/IP Protocol Suites," 4th ed., Mcgraw Hill, 2009.</p> <p>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.</p> | Teaching Materials | <p>Text books Behrouz A. Forouzan, "TCP/IP Protocol Suites," 4th ed., Mcgraw Hill, 2009.</p> <p>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.</p> |
| 成績評量方式 | <p>Homework 30% Midterm 40% Project 30%</p> | Grading | <p>Homework 30% Midterm 40% Project 30%</p> |
| 教師網頁 | http://www.csie.yuntech.edu.tw/cht/changb85_pub/index.html | | |
| 教學內容 | <p>Network Layer Basic IP Routing IPv6 Next Generation Internet Wireless IP Mobile IPv4 and IPv6 Project</p> <p>Transport Layer TCP UDP Project</p> <p>Internet QoS Routing Best-effort routing RSVP Scheduling and Policing Mechanisms Project</p> | Syllabus | <p>Network Layer Basic IP Routing IPv6 Next Generation Internet Wireless IP Mobile IPv4 and IPv6 Project</p> <p>Transport Layer TCP UDP Project</p> <p>Internet QoS Routing Best-effort routing RSVP Scheduling and Policing Mechanisms Project</p> |

尊重智慧財產權，請勿非法影印。