

朝陽科技大學 094學年度第1學期教學大綱  
Network Programming 網路程式設計

當期課號	7397	Course Number	7397
授課教師	賴坤助	Instructor	KUEN,CHU LAI
中文課名	網路程式設計	Course Name	Network Programming
開課單位	網路與通訊研究所碩士班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	低層網路技術回顧。－ 網路層通訊協定。－ 網際網路地址與實體地址的映射－ 啟動時確定網路層地址－ 網路層通訊協定運作原理－ 傳輸層通訊協定－ 封包驅動程式界面－ 網路程式界面－ 網路程式界面程式設計。	Objectives	Review of Underlying Network Technologies; OSI 7- Layer; LAN、MAN、WAN; Ethernet Technology, IP Protocol; ARP; RARP; Internet Protocol Operation TCP Protocol Operation, Packet Driver Interface; Network Programming over Packet Driver Interface, Socket Interface; Network Programming over Socket Interface.
教材	Slide and demo codes, Textbook W. R. Stevens, "Unix Network Programming", References book G. R. Wright and W. R. Stevens, "TCP/IP Illustrated volume 2", Addison Wesley	Teaching Materials	
成績評量方式	General 10% Midterm 20% Project 40% Final exam 30%	Grading	General 10% Midterm 20% Project 40% Final exam 30%
教師網頁	-		
教學內容	Internet Protocol version 4 Internet Protocol version 6 Monitor IP packet socket and winsocket Implementation Routing Algorithms Implementation Network simulation	Syllabus	Internet Protocol version 4 Internet Protocol version 6 Monitor IP packet socket and winsocket Implementation Routing Algorithms Implementation Network simulation

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