朝陽科技大學 095學年度第2學期教學大綱
Network Performance Analysis and Simulation 網路效能分析與模擬

當期課號	7412	Course Number	7412
授課教師	朱鴻棋	Instructor	CHU,HUNG CHI
中文課名	網路效能分析與模擬	Course Name	Network Performance Analysis and Simulation
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	非同步傳輸模式網路；效能分析；電腦網路的延遲模型；多重接取通訊協定；電腦網路的路由；流量控制	Objectives	Asynchronous Transfer Mode Networks；Performance Analysis ；Delay Models in Data Networks；Multiple access Communication Protocols；Routing in Data Networks；Flow control
教材	請參考課程網頁 http://www.cyut.edu.tw/~hcchu	Teaching Materials	Refer the website of this course http://www.cyut.edu.tw/~hcchu
成績評量方式	作業及小考 30% 期中 20% 個人簡報 20% 期末考及報告 20% 出席狀況及課堂參與 10%	Grading	Homework & quiz 30% Midterm 20% Personal report 20% Final exam and report 20% Participant 10%
教師網頁	http://www.cyut.edu.tw/~hcchu		
教學內容	Introduction Basic simulation modeling Modeling complex system Random number generation Random variable generation Input modeling Verification & validation of simulation Output analysis for a single model	Syllabus	Introduction Basic simulation modeling Modeling complex system Random number generation Random variable generation Input modeling Verification & validation of simulation Output analysis for a single model

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