朝陽科技大學 091學年度第1學期教學大綱
Queueing Theory 排隊理論

當期課號	7395	Course Number	7395
授課教師	李國川	Instructor	GWO,CHUAN LEE
中文課名	排隊理論	Course Name	Queueing Theory
開課單位	資訊工程系碩士班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	這門課的目標是提供學生網路排隊理論的知識，主題包括：機率簡介、排隊理論簡介、Markov process、各類Processes的定義與state 機率推導、Simulation modeling與Analysis。在完成這門課之後，學生將可以學習到下面幾點：1.瞭解排隊理論的功能；2.瞭解Discrete 與Continuous Markov chain；3.瞭解排隊理論的各Processes 的 state 機率與效能分析；4.建立Simulation modeling。	Objectives	The goal of this course is to provide students with a basic knowledge of the queueing theory. The main topics include Probability introduction, Queueing introduction, Markov processes, Various Markov process and the state probability determination, and Simulation modeling and analysis. Students will realize the following backgrounds of this course after completing the course: 1. The function of Queueing system; 2. Discrete and Continuous Markov chains; 3. The determination of state probability of each state of Markov processes; 4. Simulation modeling and analysis.
教材		Teaching Materials	
成績評量方式		Grading	
教師網頁			
教學內容		Syllabus	

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