

朝陽科技大學 094學年度第1學期教學大綱  
Distributed Systems 分散式系統

當期課號	7421	Course Number	7421
授課教師	王淑卿	Instructor	WANG,SHU CHING
中文課名	分散式系統	Course Name	Distributed Systems
開課單位	資訊科技研究所博士班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	本課程探討與平行及分散式系統相關的主題，包括：平行及分散式系統架構、網際網路計算、叢集計算、網格計算及行動計算等。	Objectives	This course is aimed at discussing the topic of parallel and distributed systems. The following topics will be covered in this class: Parallel and Distributed System Architecture, Parallel and Distributed Computing, Internet Computing, Cluster Computing, Grid Computing, and Mobile Computing.
教材	Andrew S. Tanenbaum and Maarten van Steen, "Distributed Systems: Principle and Paradigms", Prentice Hall, 2002 (全華代理, ISBN: 0-13-088893-1)	Teaching Materials	
成績評量方式	測驗：40% (每學期兩次) 作業：25% 報告分享：25% 上課參與：10%	Grading	Test Percentage:40 % Test Time/s:2 Homework Percentage:25 % Presentation Percentage:25 % Discussion Percentage:10 %
教師網頁	-		
教學內容	介紹分散式系統之相關概念，包含 Introduction, Communication, Process, Naming, Synchronization, Consistency and Replication, Distributed Object-Based Systems, 及Distributed File Systems	Syllabus	This course is aimed at introducing the concepts of distributed systems, include Introduction, Communication, Process, Naming, Synchronization, Consistency and Replication, Distributed Object-Based Systems,and Distributed File Systems

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