朝陽科技大學 099學年度第2學期教學大綱
Distributed Information Systems 分散式資訊系統

當期課號	2538	Course Number	2538
授課教師	李政雄	Instructor	LEE,CHENG HSIUNG
中文課名	分散式資訊系統	Course Name	Distributed Information Systems
開課單位	資訊與通訊系(四日)三A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	本課程主要討論的主題在平行及分散式系統，學生在完成本課程後，將可了解關於平行及分散式系統的相關技術	Objectives	"1.Digital signal processing overview 2.Discrete Fourier transform(DFT) and fast Fourier transform(FFT) 3.Discrete Cosine transform(DCT) 4.z-transform and its applications 5.Digital filter overview 6.Finite impulse response (FIR) digital filter design 7.Infinite impulse response (IIR) digital filter design"
教材	"DISTRIBUTED SYSTEMS: Principles and Paradigms", Andrew S. Tanenbaum and Maarten Van Steen, 2nd, 2007.	Teaching Materials	"DISTRIBUTED SYSTEMS: Principles and Paradigms", Andrew S. Tanenbaum and Maarten Van Steen, 2nd, 2007.
成績評量方式	期中考：30% 期末考：30% 小考及出席成績：40%	Grading	Midterm：30% Final：30% Quiz/Attandance：40%
教師網頁	_		
教學內容	This course is aimed at introducing the concepts and principles of distributed systems. The students will realize the following important topics after finishing this course: (1)分散式系統的簡介 (2)通 訊 (2)程 序 (3)命 名 (4)同 步 (5)資料的一致性與複製 (6)容錯性 (7)安全性	Syllabus	This course is aimed at introducing the concepts and principles of distributed systems. The students will realize the following important topics after finishing this course: (1)Introduction of a distributed system (2)Communication (2)Processes (3)Naming (4)Synchronization (5)Consistency and replication (6)Fault tolerance (7)Security