朝陽科技大學 096學年度第2學期教學大綱
Introduction to Operating Systems 作業系統概論

當期課號	3765	Course Number	3765
授課教師	陳金鈴	Instructor	CHEN,CHIN LING
中文課名	作業系統概論	Course Name	Introduction to Operating Systems
開課單位	資訊工程系(四進)三A	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	本課程主要講述作業系統的基本概念。課程內容包括：系統架構、用者介面、過程管理、記憶體管理、檔案系統、與分散式系統等作業系統核心概念。學生在完成本課程後，將可了解1.作業系統的概念，2.作業系統核心技術，3.分散式系統基本概念。	Objectives	The goal of this course is to provide the students with a basic knowledge of the kernel of operating systems. The main topics include system structure, user interfaces, process management, memory management, file systems, and distributed systems. The students will realize the following topics after finishing this course: 1. the concepts of an operating system, 2.the techniques of the kernel of operating systems, 3. the basic concepts of distributed systems.
教材	書名:作業系統 作者:薛智文 出版社:旗標 書號:F7852 參考書籍:A. Silberschatz, P. Galvin, and G. Gangne, Operating System Concepts, Seventh Edition, John Wiley & Sons, Inc., 2004	Teaching Materials	書名:作業系統 作者:薛智文 出版社:旗標 書號:F7852 參考書籍:A. Silberschatz, P. Galvin, and G. Gangne, Operating System Concepts, Seventh Edition, John Wiley & Sons, Inc., 2004
成績評量方式	1. 小考四次(Quizzes): 40% 2. 期中考(Midterm Exam): 25% 3. 期末考(Final Exam): 25% 4. 課程參與(Participation): 10%	Grading	1. Four Quizzes: 40% 2. Midterm Exam: 25% 3. Final Exam: 25% 4. Participation: 10%
教師網頁			
教學內容	介紹作業系統的各功能及概念 1.概述 2.行程管理 3.記憶體管理 4.檔案管理 5.輸出/輸入 6.分散式系統	Syllabus	Introduce the functions and concepts of operatin systems. 1.Overview 2.Process Management 3.Memory System 4.File System 5.Input/Output 6.Distributed System