朝陽科技大學 093學年度第2學期教學大綱
Operating System 作業系統

當期課號	2020	Course Number	2020
授課教師	劉啓東	Instructor	LIU,CHII TUNG
中文課名	作業系統	Course Name	Operating System
開課單位	資訊工程系(四日)二B	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、技術研析、系統管理與設計。課程內容包括：用者介面、過程管理、記憶體管理、檔案系統、輸出入系統、保護機制、與分散式系統等作業系統核心功能與技術研析，作業系統管理與設計理念。學生在完成本課程後，將可了解：1.作業系統核心功能與技術，2. 各項技術之理論基礎與研析， 3. 作業系統管理與設計概念。	Objectives	The goal of this course is to provide the students with a basic knowledge of the kernel of operating systems, the evaluation techniques, and the design and management of an operating system. The main topics include system structure, user interfaces, process management, memory management, file systems, I/O systems, protection, and distributed systems. The students will realize the following topics after finishing this course: 1.the concepts and the techniques of the kernel of operating systems, 2. the evaluation techniques of the kernel techniques of operating systems, 3. the design and management of an operating system.
教材	A. Silberschatz, P. Galvin, and G. Gangne, Operating System Concepts, Sixth Edition, John Wiley & Sons, Inc., 2003	Teaching Materials	
成績評量方式	期中考30%，期末考30%，平時作業40%	Grading	Midterm exam 30%, Final exam 30%, exercise 40%
教師網頁			
教學內容	介紹作業系統的各功能及概念	Syllabus	The functions of operatin systems.

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