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	2356	Course Number	2356
授課教師	張本杰	Instructor	CHANG,BEN JYE
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(四日)二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	Textbook Reference books Slides	Teaching Materials	Textbook Reference books Slides
成績評量方式	Homework:30% Minterm:30% Final:40%	Grading	Homework:30% Minterm:30% Final:40%
教師網頁	http://www.csie.cyut.edu.tw/~changb/changb83_pub/index.html		
教學內容	Introduction Computer System Structures Operating System Structures Process CPU Scheduling Process Synchronization Deadlock Memory Management Virtual Memory Homework:30% Minterm:30% Final:40%	Syllabus	Introduction Computer System Structures Operating System Structures Process CPU Scheduling Process Synchronization Deadlock Memory Management Virtual Memory Homework:30% Minterm:30% Final:40%

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