

朝陽科技大學 091學年度第1學期教學大綱
Operating System 作業系統

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| 當期課號 | 6116 | Course Number | 6116 |
| 授課教師 | 張林煌 | Instructor | CHANG,LIN HUANG |
| 中文課名 | 作業系統 | Course Name | Operating System |
| 開課單位 | 資訊管理系(二進)五A | Department | |
| 修習別 | 選修 | Required/Elective | Elective |
| 學分數 | 3 | Credits | 3 |
| 課程目標 | 本課程主要在介紹基本的作業系統結構，課程內容包括: 1.作業系統概要2. 並行Process管理及程式寫作3.CPU 排序4.Deadlocks的特性及預防5.記憶體管理6.檔案管理7.I/O系統管理8. 保護與安全考量9.分散式作業系統簡介 | Objectives | This course will cover the basic concept of operating system. Selected topics include operating system structure, process management, scheduling and synchronization, deadlock, memory management, file system, storage management, protection and security, distributed system. |
| 教材 | Traditional classroom instruction plus web-based learning assistant. | Teaching Materials | Traditional classroom instruction plus web-based learning assistant. |
| 成績評量方式 | Exam1 30%, Exam2 30%, Final 30%, Image 10% | Grading | Exam1 30%, Exam2 30%, Final 30%, Image 10% |
| 教師網頁 | - | | |
| 教學內容 | To learn the basic principle of the operating system concepts. Contents including Computer-system structures, operating-system structures, processes, threads, CPU scheduling, process synchronization, deadlocks, memory management, etc. | Syllabus | To learn the basic principle of the operating system concepts. Contents including Computer-system structures, operating-system structures, processes, threads, CPU scheduling, process synchronization, deadlocks, memory management, etc. |

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