

國立交通大學課程綱要

開課單位	資訊工程學系	授課教師	林奕成	授課學期	96 學年度 第 1 學期
課程名稱	作業系統概論			人數上限	80
英文名稱	Introduction to Operating Systems				
學分數	3	上課時數	3	先修課程	Introduction to Computer
<p>課程目標：</p> <p>An operating system is a program that manages the computer system and provides a basis for applications. It's an essential part of any computer system. This course is an introductory course in operating systems. Our goal is to present general concepts that underlie operating systems. These concepts are not tied to one particular operating system.</p>					
<p>課程綱要：</p> <ol style="list-style-type: none"> 1. Introduction 2. Operating-system structures. 3. Processes and threads 4. CPU scheduling. 5. Process synchronization. 6. Deadlocks. 7. Memory management. 8. Virtual memory. 9. File systems. 10. Secondary-storage structure 					
<p>參考書目：</p> <p>A. Silberschatz, P.B. Galvin, G. Gagne, Operating System Principles 7th Ed., John Wiley & Sons, Inc.</p>					
<p>課程進行方式、課程要求及評分標準：</p> <ul style="list-style-type: none"> ● Lectures ● Grades: <ul style="list-style-type: none"> ○ Midterm ○ Final exam ○ Homework + term project ○ Bonus 					

*如需本課程綱要表格之電子檔，請至課務組網頁一>各類申請表下載。

*請用電腦打字成檔案，於每學期末、初選前（1月初及6月初），利用選課系統（<http://cos.adm.nctu.edu.tw/>）之「課程綱要上傳」將課程綱要 update 上網。

*學生在選課時間，點選當期課號，即可查看課程綱要。