朝陽科技大學 092學年度第1學期教學大綱
Parallel Database 平行資料庫

當期課號	7084	**Course Number**	7084
授課教師	羅有隆	**Instructor**	LO,YU LUNG
中文課名	平行資料庫	**Course Name**	Parallel Database
開課單位	資訊管理系碩士班二A	**Department**	
修習別	選修	**Required/Elective**	Elective
學分數	3	**Credits**	3
課程目標	多處理器的電腦已廣泛的被應用。而多處理器的平行系統，也是被公認最具擴充性，能支援大型資料庫的使用需求。在這門課裡，我們將介紹平行處理的概念，以及平行架構、平行演算法、平行資料庫原理、資料的切割與置放、平行查詢的處理、平行查詢的排程等等。	**Objectives**	Multiprocessor computers have been widely used in all applications. It also has been recognized that multiprocessor system architecture is most scalable to support very large databases. In this class, we will introduce the concepts of parallel processings, parallel architectures, parallel algorithms, parallel database systems, parallel data allocations, parallel query processings, and parallel schedulings.
教材	課程內容將於課堂上講解與討論。將有約1/4的上課時間由學生來做論文研讀的學習報告。	**Teaching Materials**	All material will be taught and discussed in class. Students have the responsibility to present their studies in around 1/4 class time.
成績評量方式	1. Assignments + Midterm exam + Final exam (60%) 2. Presentation & slides (20%) 3. Term paper (20%)	**Grading**	1. Assignments + Midterm exam + Final exam (60%) 2. Presentation & slides (20%) 3. Term paper (20%)
教師網頁			
教學內容	在這門課裡，我們將介紹平行處理的概念，以及平行架構、平行演算法、平行資料庫原理、資料的切割與置放、平行查詢的處理、平行查詢的排程等等。	**Syllabus**	In this class, we will introduce the concepts of parallel processing, parallel architecture, parallel algorithm, parallel database, parallel data allocation, parallel query processing, parallel scheduling.