朝陽科技大學 091學年度第2學期教學大綱
Database Systems 資料庫系統

當期課號	2621	**Course Number**	2621
授課教師	廖珙洲	**Instructor**	LIAO,HSIEN CHOU
中文課名	資料庫系統	**Course Name**	Database Systems
開課單位	資訊工程系(四日)二A	**Department**	
修習別	選修	**Required/Elective**	Elective
學分數	3	**Credits**	3
課程目標	這門課的目標是提供學生資料庫系統方面的知識，主題包括：資料塑模化、結構化查詢語言、資料儲存結構、查詢處理與交易管理。在完成這門課之後，學生將可以學習到下面幾點：1.瞭解資料庫與資料庫應用程式之間的關係；2.使用實體關係模型來進行資料塑模化；3.開發資料庫應用程式；4.瞭解與使用SQL語言。	**Objectives**	The goal of this course is to provide the students with a basic knowledge of database system. The main topics include data modeling, structure query language, storeage structure, query processing, and transaction management. The students will realize the following database system basics after finishing this course: 1. the role of database and database applications in an organization; 2. data modeling using the entity-relationship models (E-R models); 3. developing database application; 4. understand the use of SQL
教材	由學生事先上網學習課程內容，再於課堂中進行討論。	**Teaching Materials**	
成績評量方式	1. Quiz (bi-chapter): 60% 2. Final Project: 30% 3. Class Participation: 10%	**Grading**	1. Quiz (bi-chapter): 60% 2. Final Project: 30% 3. Class Participation: 10%
教師網頁			
教學內容	There are five purposes: - Learn the role of database and database applications in an organization - Learn and practice data modeling using the entity-relationship models (E-R models) - Learn and practice developing database designs - Understand the use of SQL and Learn SQL syntax - Learn and practice the implemenation of Database systems	**Syllabus**	There are five purposes: - Learn the role of database and database applications in an organization - Learn and practice data modeling using the entity-relationship models (E-R models) - Learn and practice developing database designs - Understand the use of SQL and Learn SQL syntax - Learn and practice the implemenation of Database systems

尊重智慧財產權，請勿非法影印。