朝陽科技大學 093學年度第1學期教學大綱
Engineering Statistics 工程統計

當期課號	6003	**Course Number**	6003
授課教師	王淑娟	**Instructor**	WANG,SHU CHUAN
中文課名	工程統計	**Course Name**	Engineering Statistics
開課單位	營建工程系(二進)三A	**Department**	
修習別	必修	**Required/Elective**	Required
學分數	3	**Credits**	3
課程目標	本課程之目的在教導學生了解或然率及統計之基本概念,並闡述其在工程規劃、設計上之應用。主要內容包括或然率之基本概念、隨機現象之解析模式、由觀測資料推定參數及或然率分佈模式之推定等。	**Objectives**	This course covers the concepts and methods of probability and statistics that are essential for modeling the engineering problems under conditions of uncertainty. Specific topics included are basics probability concepts, analytical models of random phenomena, estimating parameters from observational data, and empirical determination of distribution models.
教材	徐義人,『工程機率統計學』,華泰文化事業公司。	**Teaching Materials**	
成績評量方式	期中考 30% 期末考 30% 作業及平時成績 40%	**Grading**	mid term exam. 30% final exam. 30% homework & learning altitude 40%
教師網頁			
教學內容	教導學生了解或然率及統計之基本概念,並闡述說明其在工程規劃、設計上之應用	**Syllabus**	It provides students with basic knowledge of prabability and statistics and their applications to engineering planning and design.