

朝陽科技大學 092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	課堂授課及作業	Teaching Materials	notes and homeworks
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 probability and statistics and their applications to engineering planning and design.

尊重智慧財產權，請勿非法影印。