

朝陽科技大學 095學年度第1學期教學大綱  
Advanced Statistical Methods 高等統計方法

當期課號	7156	Course Number	7156
授課教師	王敏	Instructor	WANG,MIN
中文課名	高等統計方法	Course Name	Advanced Statistical Methods
開課單位	工業工程與管理系碩士班一A	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標	本課程主要介紹進階統計學的理論、方法、與應用，並偏重於基礎數理統計、迴歸分析與變異數分析等。	Objectives	This course aims to provide advanced statistics theory and some application of statistical methods. Selected topics are: basic concept of mathematical statistics, regression, analysis of variance (ANOVA), etc
教材	Sheldon M. Ross, Introduction to Probability and Statistics for Engineers and Scientists, 2nd Ed., Academic Press, 2000 (ISBN: 0125984723) SPSS 與統計應用分析, 吳明隆、涂金堂, 五南出版社	Teaching Materials	Sheldon M. Ross, Introduction to Probability and Statistics for Engineers and Scientists, 2nd Ed., Academic Press, 2000 (ISBN: 0125984723)
成績評量方式	quiz(*2) 20%, project 15%, Exam 1 25%, Exam 2 25%, Exam 3 15%	Grading	quiz(*2) 20%, project 15%, Exam 1 25%, Exam 2 25%, Exam 3 15%
教師網頁	-		
教學內容	This course aims to provide advance statistics theory and some application of statistical methods. Selected topics are: basic concept of mathematical statistics, regression, analysis of variance (ANOVA), etc.	Syllabus	This course aims to provide advance statistics theory and some application of statistical methods. Selected topics are: basic concept of mathematical statistics, regression, analysis of variance (ANOVA), etc.

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