

朝陽科技大學 093學年度第2學期教學大綱  
Design of Experiment 實驗設計

當期課號	7215	Course Number	7215
授課教師	呂明哲	Instructor	LU, MING CHE
中文課名	實驗設計	Course Name	Design of Experiment
開課單位	會計系碩士班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	這是一門探討實驗設計與分析的課程。在這一學期我們將談到實驗設計的概念、比較性實驗、單因子實驗、因子實驗、集區實驗、拉丁方格實驗與田口品質工程。	Objectives	This is an introductory course dealing with the design and analysis of experiment. In this course, We will talk to the concept of experiment design, comparative experiments, experiments with a single factor, factorial designs, block designs, Latin square designs and Taguchi quality engineering.
教材	實驗設計，陳順宇、鄭碧娥 著。 Design and analysis of experiments, Douglas C. Montgomery.	Teaching Materials	
成績評量方式	課堂表現 50%； 學期報告 50%。	Grading	Performance in Class 50%； Term paper 50%；
教師網頁	-		
教學內容	這是一門探討實驗設計與分析的課程。在這一學期我們將談到實驗設計的概念、比較性實驗、單因子實驗、因子實驗、集區實驗、拉丁方格實驗與田口品質工程。	Syllabus	This is an introductory course dealing with the design and analysis of experiment. In this course, We will talk to the concept of experiment design, comparative experiments, experiments with a single factor, factorial designs, block designs, Latin square designs and Taguchi quality engineering.

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