103-2 Preliminary Syllabus, Da-Yeh Univ

Information

Title		Serial No. / ID	1599 / VGR 5013
Dept.		School System / Class	1 1
Lecturer		Full or Part-time	
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	( )567 /	Language	Chinese

Introduction

Outline

Introduction (Ch. 1)

Simple Comparative Experiments (Ch. 2)

Experiments with a Single Factor: The Analysis of Variance (Ch. 3)

Randomized Blocks, Latin Squares, and Related Designs (Ch. 4)

Introduction to Factorial Designs (Ch. 5)

The 2k Factorial Design (Ch. 6)

Blocking and Confounding in the 2k Factorial Design (Ch. 7)

Two-Level Fractional Factorial Designs (Ch. 8)

Fitting Regression Models (Ch. 10)

Response Surface Methods and Other Approaches to Process Optimization (Ch. 11)

Experiments with Random Factors (Ch. 13)

Other Design and Analysis Topics (Ch. 15)

Prerequisite