

100-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	實驗設計	Serial No. / ID	2766 / NGR3021
Dept.	工業工程與科技管理學系碩士	School System / Class	研究所碩士班1年1班
Lecturer	楊懿淑	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(二)234 / H507	Language	Chinese

Introduction
<ol style="list-style-type: none">1. Understand the theories of ANOVA2. Use minitab to analyze data3. Use propre experimental design to real problem4. Use the methods of ANOVA to analyze the experimental result of the real problem

Outline
<ol style="list-style-type: none">1 : Introduciton2 : One Factor Experiment Design3 : Randomized Block Design, Latin Squares4 : 2^k Factorial Design5 : 2^k Factorial Design with blocking and confounding6 : $2^{(k-p)}$ Partial Factorial Design7. Respose Surface Method8. Robust Parameter Design9. Split Block Design

Prerequisite
<ol style="list-style-type: none">1. Statisitcs I2. Statistics II