

100-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	田口式品質工程	Serial No. / ID	1683 / ADR5059
Dept.	機械與自動化工程學系博士班	School System / Class	研究所博士班1年1班
Lecturer	紀華偉	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(二)2 / H466 (五)34 / H466	Language	Chinese

Introduction

This course teaches the necessary theoretical and practical aspect of the Robust Design method and shows a variety of applications from different engineering disciplines.

- Outline**
1. Principles of Quality Engineering
 2. Matrix Experiments Using Orthogonal Arrays
 3. Steps in Robust Design
 4. Signal-to-Noise Ratios
 5. Achieving Additivity
 6. Constructing Orthogonal Arrays
 7. Computer Aided Robust Design
 8. Design of Dynamics Systems

Prerequisite

Basic Mathematics
Statistics