97-2 Preliminary Syllabus, Da-Yeh Univ

Information

Title		Serial No. / ID	0793 / IEI4050
Dept.		School System / Class	4 1
Lecturer		Full or Part-time	
Required / Credit	Optinal / 3	Graduate Class	Yes
Time / Place	( )8 / H727 ( )78 / H731	Language	Chinese

Introduction

Quality engineering was provided by G. Taguchi. It is also called off-line quality control and is one of the important tools to improve product quality. Students can understand the application of quality loss function, theory of orthogonal array, parameter design, tolerance design, data analysis. Then they can promote their compatibility when they get into the working field.

Outline

1. Introduction
2. Simple factorial experiments
3. Quality loss function
4. Principles of quality engineering
5. Parameter design
6. Analysis of ordered categorical data
7. Tolerance design
8. Implementation of quality engineering

Prerequisite

Basis statistics