97-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	系統化創新-TRIZ 方法之應用	Serial No. / ID	2008 / NGR3072
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	班明弘	Full or Part-time	兼任
Required / Credit	Optinal / 3	Graduate Class	NO
Time / Place	(三)234 / H504	Language	Chinese

Introduction

Many of today’s products and product requirements involve complex levels of sophistication both in terms of super-systems and sub-systems. TRIZ (Theory of Inventive Problem Solving) is explored, developed and applied as one of several useful ｃｒｅａｔｅive design methodologies in order to generate, develop, evaluate and select ideas. The principles and skills are developed through a series of application studies.

Outline

1. TRIZ introduction
2. TRIZ method and tools
3. 40 Inventive principles, 39 Engineering characteristics and contradiction matrix
4. ARIZ
5. IFR and effect
6. S-field
7. Evolution

Prerequisite

Basic computer knowledge