101-1 Preliminary Syllabus, Da-Yeh Univ

Information

Title	-TRIZ	Serial No. / ID	3127 / NGR3072
Dept.		School System / Class	1 1
Lecturer		Full or Part-time	
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	( )BCD / H343	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   ive 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