

97-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	機械設計實務(二)	Serial No. / ID	0566 / MAI4016
Dept.	機械與自動化工程學系	School System / Class	大學日間部4年5班
Lecturer	羅正忠	Full or Part-time	專任
Required / Credit	Optinal / 1	Graduate Class	Yes
Time / Place	(二)789 / H440	Language	Chinese

Introduction
<ol style="list-style-type: none"> 1. To have the basic mathematics, science and engineering knowledge of the practice abilities. 2. To have the planning and conduct experiments and interpret the data of practical skills. 3. To have the technical capability for engineering practice. 4. To have the use of engineering analysis, design and manufacturing software application capabilities. 5. To have the project management, good expression, communication and teamwork skills. 6. To have in engineering-related industries, with the practical problems of analysis and solving ability. 7. To have knowledge of current affairs issues, understanding of engineering technology on the environment, social and global impact. 8. To have a professional attitude and the spirit of lifelong learning.

Outline
<ol style="list-style-type: none"> 1. Design Methodology - Design Process, Optimization, and Decision Making 2. Project Management - Leadership, Project Management, Scheduling, Budgeting 3. Communications - Letters/Memos/E-mail, Proposals, Project Notebooks, and Progress Reports 4. Work Place Issues - Ethics, Patents, Safety, Equal Opportunity, and Liability

Prerequisite
Mechanical Design