

99-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	進階電腦輔助設計系統	Serial No. / ID	1578 / ADR5075
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	賴元隆	Full or Part-time	兼任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(二)12 / H455 (三)2 / H455	Language	English

Introduction
Introduction to the theory and implementation of CG and CAD. The course will develop a simple interactive system, by the mathematical basis for the computer representation of two and three dimensional objects, to simulate a CAD environment. Graphical programming assignments use the latest graphics standards.

Outline
<ol style="list-style-type: none">1. (Windows Graphical Program Development)2. (Geometric Objects and T Transformations)3. (Edit and Modify)4. (NURBS Curves and Surfaces)5. (Tool-Path Generation)6. (Data Exchange Standardizations)

Prerequisite
CAD Concept.