

# 101-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	進階電腦輔助設計系統	Serial No. / ID	1817 / 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	(四)23 / (四)4 / H727	Language	Chinese

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"><li>1. (Windows Graphical Program Development)</li><li>2. (Geometric Objects and T Transformations)</li><li>3. (Edit and Modify)</li><li>4. (NURBS Curves and Surfaces)</li><li>5. (Tool-Path Generation)</li><li>6. (Data Exchange Standardizations)</li></ol>

Prerequisite
CAD Concept.