

97-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	DSP晶片設計與實務(一)	Serial No. / ID	1144 / EGR5269
Dept.	電機工程學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	蔡渙良	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	NO
Time / Place	(三)234 / H731	Language	Chinese

Introduction
<ol style="list-style-type: none">1. Provide an understanding of the fundamentals, implementation, and application of DSP techniques from a practical point of view.2. Provide a practical guidance to design and develop actual DSP systems.

Outline
To begin with, this course will introduce an understanding of the fundamentals, implementation, and application of DSP techniques from a practical point of view. And then PC-based Matlab will be adopted for the design and simulation for DSP algorithms. Finally, the VHDL implementation for DSP algorithms will be demonstrated.

Prerequisite
Digital Signal Processing