100-2 Preliminary Syllabus, Da-Yeh Univ

Information

Title		Serial No. / ID	0738 / IFI4003
Dept.		School System / Class	4　3
Lecturer		Full or Part-time	
Required / Credit	Optinal / 3	Graduate Class	Yes
Time / Place	( )234 / H731	Language	Chinese

Introduction

To have students with capabilities of advance computer design, analysis, and simulation.

Outline

Ch1 Introduction Ch2 Fundamentals of Computer Design : Design guide lines andperformance evaluation Ch3 Instruction Set Principle and Example: Ch1 Introduction

Ch2 Fundamentals of Computer Desing

Ch3 Instruction Set Principle and Example Comparison of RISC and CISC architecture

Ch4 Pipelining: Pipeline desing

Ch5 Memory-HierarchyDesign: Cach typesand design

Ch6 Storage System

Ch7 Interconnection Networks

Prerequisite

Computer Organization