100-2 Preliminary Syllabus, Da-Yeh Univ

Information

Title		Serial No. / ID	0727 / IFI3065
Dept.		School System / Class	3　3
Lecturer		Full or Part-time	
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(　)2　/ H563 (　)34　/ H563	Language	Chinese

Introduction

The course gives an introduction to the concepts of digital signal processing (DSP). The goal is to give students a thorough understanding of theory and techniques needed for the analysis of discrete-time signals. Topics include the fundamental concepts of discrete-time signal, discrete-time signal system, discrete-time Fourier transform , Z-Transform.

Outline

1　Introduction
2　Discrete-Time Signals and Systems
3　DFT
4　z-Transform
5　Filter Design

Prerequisite

none.