

98-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	數位電視系統原理及軟體技術	Serial No. / ID	1804 / EEI4246
Dept.	電機工程學系	School System / Class	大學日間部4年1班
Lecturer	胡大湘	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	Yes
Time / Place	(一)34 / H719 (三)2 / H719	Language	Chinese

Introduction
1. Introduction to the Principles of Digital Television System
2. Experiments of system simulations

Outline
1. Principles of OFDM
2. Synchronization
3. adaptive OFDM
4. Convolution Coding & Decoding
5. Shortened Reed Solomon Coding & Decoding & Interleaving
6. DVB-T Transmitter & Receiver Architecture

Prerequisite
通訊原理、數位通訊