

102-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	數位電視之傳輸技術	Serial No. / ID	2144 / EDR5206
Dept.	電機工程學系博士班	School System / Class	研究所博士班1年1班
Lecturer	胡大湘	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(三)ABC / 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
Communication systems, digital communications