

# 98-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	通訊電子實習	Serial No. / ID	1807 / EEI4250
Dept.	電機工程學系	School System / Class	大學日間部4年1班
Lecturer	陳雍宗	Full or Part-time	專任
Required / Credit	Optinal / 2	Graduate Class	Yes
Time / Place	(二)567 / H371	Language	Chinese

Introduction
<ol style="list-style-type: none"><li>1.Learning the design basic for communication systems.</li><li>2.To understand the basic theory for digital communication systems.</li><li>3.To understand the basic theory of every kinds of modulation and de-modulation theory.</li><li>4. To understand the synchronization and multiplex theory</li><li>5.To understand the channel coding techniques of communication systems</li><li>6.To understand the roles of digital communications in wireless communications</li><li>7.To understand the techniques of spreading spedtrum</li></ol>

Outline
EXP1: making a filter EXP2:voltage controlled oscilattor Exp3:phase locked loop EXP4:N multiple circuit EXP5:multiplier EXP6:delta modulation and de-modulation EXP7:Manchester coding and decoding

Prerequisite
<ol style="list-style-type: none"><li>1.Communication system OR Signal Processing</li><li>2.Calculus</li></ol>