

# 101-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	展頻通訊	Serial No. / ID	1961 / EDR5100
Dept.	電機工程學系博士班	School System / Class	研究所博士班1年1班
Lecturer	李金椿	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(三)ABC / H367	Language	Chinese

Introduction
1. Introduction to Spread spectrum communications, by R. L. Peterson, R. E. Ziemer and D. E. Borth, Prentice Hall
2. GSM, cdmaOne and 3G systems, by R. Steele, C.-C. Lee and P. GOULD, John Wiley & sons

Outline
一、 Introduction
二、 Basic theory
三、 types of spreadly
四、 spreading codes
五、 CDMA
六、 2G and 3G CDMA systems

Prerequisite
CDMA: Principle of spread spectrum communication, A. J. Viterbi Addison-Wiley