97-1 Preliminary Syllabus, Da-Yeh Univ

Information

Title		Serial No. / ID	1134 / EGR 5112
Dept.		School System / Class	1 1
Lecturer		Full or Part-time	
Required / Credit	Optinal / 3	Graduate Class	NO
Time / Place	( )BCD / H203	Language	Chinese

Introduction

This curse introduces the theory and applications of random processes. The principles of single and multivariate random variables and random processes will be presented and apllied to engineering systems, especially to the communication systems.

Outline

1. Review of probability and statistics
2. theory of a single random variable
3. application of a single random variable to communication systems
4. theory of multivariate random variables
5. application of a multivariate random variables to communication systems
6. principles of random processes
7. application of random process models to the analysis of wireless communication channels

Prerequisite

1. probability
2. calculus