

99-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	工程數學	Serial No. / ID	2189 / IFI2001
Dept.	資訊工程學系	School System / Class	大學日間部2年1班
Lecturer	張世旭	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(二)2 / H562 (四)78 / H562	Language	Chinese

Introduction

This course is an introduction to differential equations, laplace transform, and Fourier transform.

Course Goals :

1. To understand the basic meanings of differential equations, laplace transform, and Fourier transform.
2. To understand the roles of Engineering Mathematics.

Outline

chapter 1. First-order differential equations

chapter 2. Second-Order Linear ODEs chapter 3. Higher Order Linear ODEs chapter 6. Laplace transforms

chapter chapter 11. Fourier transforms

Prerequisite

calculus