

97-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	工程數學(一)	Serial No. / ID	2169 / IFI2025
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)5 / H607 (四)78 / H607	Language	Chinese

Introduction
<p>This course is an introduction to differential equations, laplace transform, and Fourier transform.</p> <p>Course Goals :</p> <ol style="list-style-type: none">1. To understand the basic meanings of differential equations, laplace transform, and Fourier transform.2. To understand the roles of Engineering Mathematics.

Outline
<p>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</p>

Prerequisite
calculus