

97-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	工程數學(一)	Serial No. / ID	1058 / MAV2001
Dept.	機械與自動化工程學系	School System / Class	四技部2年1班
Lecturer	鄭錕燦	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	NO
Time / Place	(三)34 / H202 (五)1 / H566	Language	Chinese

Introduction
Engineering Mathematics (I) is a fundamental course connecting physics and mathematics with practical problems. This course will provide students a thorough understanding of the principle of ordinary differential equations and Laplace transformation. The adequate ability to develop the mathematical model and to analyze the engineering system will be developed.

Outline
<ol style="list-style-type: none">1. Calculus basis2. First-Order Differential Equations3. Linear Differential Equations of Second and Higher Order4. Laplace Transforms

Prerequisite
Calculus