

# 100-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	應用數學	Serial No. / ID	1764 / EVI2050
Dept.	環境工程學系	School System / Class	大學日間部2年1班
Lecturer	陳宜清	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	No
Time / Place	(一)34 / H569 (四)5 / H566	Language	Chinese

## Introduction

- 1.Connecting with fundamental mathematics and calculus.
- 2.Develop an ability of analysis and ratiocination with basic mathematics.
- 3.Develop an ability to handle practical engineering problems with basic concept of mathematics.
- 4.Reach the introductory study in mathematics for the necessity as a modern engineer.

## Outline

Review of Calculus  
1st. Order ODE  
2nd. Order ODE  
Matrix  
Numerical Methods

## Prerequisite

1. Basic Math.
2. Calculus