

## 97-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	工程數學(二)	Serial No. / ID	0875 / EVI2002
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 (三)2 / H569	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

Power Series Method  
Fourier Series  
Fourier Transforms  
PDE Solutions

### Prerequisite

1. Basic Math.
2. Calculus