# 98-1 Preliminary Syllabus, Da-Yeh Univ

## Information

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| Title | ( ) | Serial No. / ID | 1864 / IFI2025 |
| Dept. | | School System / Class | 2 2 |
| Lecturer | | Full or Part-time | |
| Required / Credit | Required / 3 | Graduate Class | NO |
| Time / Place | ( )6 / H563 ( )34 / H563 | 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