

99-1 Preliminary Syllabus, Da-Yeh Univ

| Information | | | |
|-------------------|---------------|-----------------------|----------------|
| Title | 微積分(一)E14 | Serial No. / ID | 1454 / CDC1914 |
| Dept. | 共同教學中心 | School System / Class | 大學日間部4年2班 |
| Lecturer | 黃明鋒 | Full or Part-time | 兼任 |
| Required / Credit | Required / 3 | Graduate Class | NO |
| Time / Place | (一)9AB / J215 | Language | Chinese |

Introduction

1. Establish the fundamental notion used in calculus.
2. Apply calculus to solve the problems in practice.

Outline

1. Limits
2. Derivatives
3. Applications of Differentiation
4. Integrals
5. Applications of Integration
6. Inverse Functions and Transcendental Functions

Prerequisite

Elementary Geometry and Algebra.