

98-2 Preliminary Syllabus, Da-Yeh Univ

| Information | | | |
|-------------------|--------------------------|-----------------------|----------------|
| Title | 微積分(二)F1 | Serial No. / ID | 1920 / CDC1926 |
| Dept. | 共同教學中心 | School System / Class | 大學日間部3年4班 |
| Lecturer | 余世宗 | Full or Part-time | 專任 |
| Required / Credit | Required / 3 | Graduate Class | NO |
| Time / Place | (一)3 / H202 (三)12 / H202 | Language | Chinese |

Introduction

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

Outline

1. Techniques and Applications of Integration
2. Functions of Several Variables
3. Partial Derivatives
4. Multiple Integrals
5. Infinite Sequences and Series

Prerequisite

Elementary Geometry and Algebra. Calculus (1).