

# 101-2 Preliminary Syllabus, Da-Yeh Univ

| Information       |                          |                       |                |
|-------------------|--------------------------|-----------------------|----------------|
| Title             | 微積分(二)F5                 | Serial No. / ID       | 0054 / CDC1930 |
| Dept.             | 共同教學中心                   | School System / Class | 大學日間部3年4班      |
| Lecturer          | 陳建憲                      | Full or Part-time     | 專任             |
| Required / Credit | Required / 3             | Graduate Class        | NO             |
| Time / Place      | (一)34 / H563 (四)9 / H563 | Language              | Chinese        |

| Introduction  |
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| 1. Establish the fundamental notion used in calculus.<br>2. Apply calculus to solve the problems in practice. |

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

| Prerequisite                                   |
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| Elementary Geometry and Algebra. Calculus (1). |