

## 98-2 Preliminary Syllabus, Da-Yeh Univ

| Information       |               |                       |                |
|-------------------|---------------|-----------------------|----------------|
| Title             | 微積分(一)E1      | Serial No. / ID       | 0079 / CDC1901 |
| 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      | (三)34N / J305 | Language              | Chinese        |

| Introduction   |
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| <ol style="list-style-type: none"><li>1. Establish the fundamental notion used in calculus.</li><li>2. Apply calculus to solve the problems in practice.</li></ol> |

| Outline   |
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| <ol style="list-style-type: none"><li>1. Limits</li><li>2. Derivatives</li><li>3. Applications of Differentiation</li><li>4. Integrals</li><li>5. Applications of Integration</li><li>6. Inverse Functions and Transcendental Functions</li></ol> |

| Prerequisite                     |
|----------------------------------|
| Elementary Geometry and Algebra. |