

# 101-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	微積分(一)E4	Serial No. / ID	0051 / CDC1904
Dept.	共同教學中心	School System / Class	大學日間部4年2班
Lecturer	胡永	Full or Part-time	專任
Required / Credit	Required / 3	Graduate Class	NO
Time / Place	(一)34 / H228 (三)3 / H228	Language	Chinese

Introduction
<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
<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.