Course Description

Department of Mathematics

Nature of the course ■ required ☐ elective	Area 麻煩老師勾選類別，或直接填寫_____。 ☐ Algebra ☐ Analysis ☐ Geometry ☐ Statistics ☐ Applied Mathematics ☐ Discrete Mathematics ☐ Others

Calculus ☐ Calculus A ■ Calculus B					
Course number	201 101B1	Section number	13	Number of credits	3
Course title	Calculus				
Instructor	Wu- Yung Chen [陳武勇]				

I. Contents：

The limits of a function, Derivatives, Applications of Differentiation, the integral, Applications of integration, Exponential and Logarithmic Functions, Techniques of integration, Infinite Series, Functions of Several Variables, Multiple integrals.

II. Course prerequisite：

III. Reference material (textbook(s))：

Larson: Calculus

IV. Grading scheme：

Midterm examination: 40%

Final examination: 40%

Others: 20%

V. Others：

VI. Course Goal：