

Course Description

Department of Mathematics

Nature of the course <input checked="" type="checkbox"/> required <input type="checkbox"/> elective		Area 麻煩老師勾選類別，或直接填寫_____。 <input type="checkbox"/> Algebra <input type="checkbox"/> Analysis <input type="checkbox"/> Geometry <input type="checkbox"/> Statistics <input type="checkbox"/> Applied Mathematics <input type="checkbox"/> Discrete Mathematics <input type="checkbox"/> Others			
Calculus <input type="checkbox"/> Calculus A <input checked="" type="checkbox"/> Calculus B					
Course number	201 101B1	Section number	13	Number of credits	3
Course title	Calculus				
Instructor	Wu- Yung Chen [陳武勇]				
<p>I. Contents :</p> <p style="padding-left: 40px;">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.</p> <p>II. Course prerequisite :</p> <p>III. Reference material (textbook(s)) :</p> <p style="padding-left: 40px;">Larson: Calculus</p> <p>IV. Grading scheme :</p> <p style="padding-left: 40px;">Midterm examination: 40%</p> <p style="padding-left: 40px;">Final examination: 40%</p> <p style="padding-left: 40px;">Others: 20%</p> <p>V. Others :</p> <p>VI. Course Goal :</p>					