

Course Description

Department of Mathematics

Nature of the course X <input type="checkbox"/> required <input type="checkbox"/> elective		Area 麻煩老師勾選類別，或直接填寫_____。 <input type="checkbox"/> 代數與數論 <input type="checkbox"/> 分析 <input type="checkbox"/> 幾何與拓樸 <input type="checkbox"/> 計算與應用數學 <input type="checkbox"/> 機率 <input type="checkbox"/> 統計 <input type="checkbox"/> 離散數學 <input type="checkbox"/> 其他 <input type="checkbox"/> 論文研討、獨立研究			
Calculus <input type="checkbox"/> Calculus A X <input checked="" type="checkbox"/> Calculus B					
Course number		Section number	免填	Number of credits	
Course title	課程名稱：				
Instructor	教授： Yiunn,Wui-Tet(楊維哲)				
<p>I. * Contents : Limit and continuity,;sequences; difference operator;summation;definite integral;differentiation; Newtonian approximation; extremum; curve-tracing;</p> <p>II.</p> <p>III. Course prerequisite : Middle-school algebra,trigonometry,coordinate geometry.</p> <p>IV. * Reference material (textbook(s)) : 微積分(楊維哲:三民書局)</p> <p>V. * Grading scheme : 請填寫各項計分之百分比，例如：期中 30% 期末 40% 作業 10% 報告 20%，總計 100% 期中 35%，期末 45% 作業 10% 小考 10%</p> <p>VI. * Course Goal : Calculus is a general language for the description of the many functions occurring in the study of natural sciences and also the bio-medical sciences. After finishing this year-course, thestudents are expected to be versed in : locating the extremum-point of a function; finding an approximate root of an equation, the formulation of many simple evolution phenomena.</p> <p>VII.</p>					

1. *號為必填欄位

2. 大綱內容字數英文最少 200 字以上