

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		Section number	免填	Number of credits	≧
Course title	課程名稱: Calculus B				
Instructor	教授: DZAN, JIN JEE				
<p>I. *Contents : Limits, Continuity, Derivatives, Mean-Value Theorems and Applications. (Indefinite Integral and Applications, Series.</p> <p>II. Basic Linear Algebra. Elementary Statistics. Mathematical Course prerequisite: Basic Mathematics in Senior High Schools } Modelling</p> <p>III. *Reference material (textbook(s)) : Higher Mathematics and Mathematical Modelling, by Fan Ying and Sun Ching Wen, Higher Edu. Press, Peking, 2009.</p> <p>IV. *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% Mid-term Exam. 40%; Final Exam. 40%. Exercise 10%, (Re)presentation 10%.</p> <p>V. *Course Goal : The course aims to provide a basic content, skills and viewpoint of calculus so that the each students can continue the advanced courses, e.g., economic mathematics, operation research, financial mathematics, and research methods.</p>					

1. *號為必填欄位

2. 大綱內容字數英文最少 200 字以上