



課 綱 Course Outline
應用數學系碩士班

中文課程名稱 Course Name in Chinese	應數專論(一)				
英文課程名稱 Course Name in English	Topics in Applied Mathematics (I)				
科目代碼 Course Code	AM__54600	班 別 Degree	碩士班 Master' s		
修別 Type	選修 Elective	學分數 Credit(s)	3.0	時 數 Hour(s)	3.0
先修課程 Prerequisite	無				
課程目標 Course Objectives					
由任課教師專長區分，設定個別目標。 Course objectives are subject to the expertise of the instructor.					
系教育目標 Dept.' s Education Objectives					
1	訓練嚴謹思考與推理能力。 To provide a solid training in rigorous thinking and reasoning ability.				
2	奠定理論與應用數學的基礎知識。 To establish well-founded background knowledge in pure and applied mathematics.				
3	具備跨領域學習能力。 To prepare the students for interdisciplinary study in the future.				
系專業能力 Basic Learning Outcomes				課程目標與系專業能力相關性 Correlation between Course Objectives and Dept.' s Education Objectives	
A	具備專業數學知識及邏輯推理能力。 Have well-founded expertise in mathematics and be capable of logical reasoning.			●	
B	具備學習其它學科的能力，以期能邁向跨領域研究。 Be able to study other fields of science so as to conduct interdisciplinary research in the future.			●	
C	具備獨立思考與解決問題的能力。 Be capable of independent thinking and have the problem-solving skills.			●	
圖示說明Illustration : ● 高度相關 Highly correlated ○ 中度相關 Moderately correlated					
課程大綱					

Course Outline

正式開課時，由任課教師訂定詳細綱要。

Course Outline

To be given by the instructor.

資源需求評估（師資專長之聘任、儀器設備的配合．．．等）

Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)

本系相關專任教師。

Professors in related fields

課程要求和教學方式之建議

Course Requirements and Suggested Teaching Methods

正式開課時，由任課教師訂定。

To be given by the instructor.

其他

Miscellaneous

撰寫人：應用數學系

撰寫人：101年10月修訂