



## 課 綱 Course Outline

### 管理學院數位行銷與服務創新國際學士班學士班

中文課程名稱 Course Name in Chinese	微積分(二)				
英文課程名稱 Course Name in English	Calculus(II)				
科目代碼 Course Code	DMSI10100	班 別 Degree	學士班 Bachelor' s		
修別 Type	學程 Program	學分數 Credit(s)	3.0	時 數 Hour(s)	3.0
先修課程 Prerequisite					
課程目標 Course Objectives					
The purpose is to facilitate the students with tools in higher mathematics for later use in finance courses.					
系教育目標 Dept.' s Education Objectives					
1	培養結合理論與實務之數位行銷專業人才				
2	培養結合理論與實務之服務創新專業人才				
3	培養多元視野與跨領域整合能力之數位行銷及服務創新專業人才				
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	具備以資訊技術協助企業運作與商業管理之知識與應用能力			○	
B	具備邏輯思考、問題分析與解決之能力			●	
C	具備溝通協調與團隊合作之能力			○	
D	具備創新思維之能力			○	
E	具備國際視野及外語溝通之能力			○	

圖示說明Illustration : ● 高度相關 Highly correlated ○ 中度相關 Moderately correlated

課程大綱

Course Outline

The course will contain all fundamentals in calculus. This includes:

1. Convergence of sequences and series
2. Basic vector analysis.
3. Functions of several variables
4. Applications of functions of several variables.
5. Multiple integrals and applications.

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.)

課程要求和教學方式之建議

Course Requirements and Suggested Teaching Methods

Lecture, tutor.

其他

Miscellaneous