



教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	數位支付應用與實務		學年/學期 Academic Year/Semester	114/2
課程名稱(英文) Course Name in English	Mobile Payment Applications and Implementations			
科目代碼 Course Code	MSF_10520	系級 Department & Year	學一	開課單位 Course-Offering Department
修別 Type	學程 Program	學分數/時間 Credit(s)/Hour(s)	3.0/3.0	
授課教師 Instructor	/陳光和			
先修課程 Prerequisite				
課程描述 Course Description				
<p>This course emphasizes practical application and delves deeply into key topics of mobile payments according to the following syllabus schedule. Students will master skills such as environment setup and API integration, credit card payments, virtual accounts, convenience store payments, and mobile payments. Through continuous review and hands-on practice, students will gain a deep understanding of logistics API integration and the practical application of electronic invoices. IMPORTANT NOTE: Laptop/iPad required for this course.</p>				
課程目標 Course Objectives				
<p>*掌握信用卡支付、非即時支付和錢包支付等核心技術。 *培養整合不同支付場景並確保安全和隱私的能力。 *提升使用者體驗和界面設計技巧。 *掌握物流整合和電子發票等高級主題。</p>				
圖示說明 Illustration : ● 高度相關 Highly correlated ○ 中度相關 Moderately correlated				
授課進度表 Teaching Schedule & Content				
週次 Week	內容 Subject/Topics			備註 Remarks
1	環境設置及 API 整合 / Setting up			
2	信用卡支付 (1) / Credit Card (1)			
3	信用卡支付 (2) / Credit Card (2)			
4	虛擬帳號 / VACC Payment			
5	超商付款 / CVS Payment			
6	行動支付(1) / Mobile Payment (1)			
7	行動支付(2) / Mobile Payment (2)			
8	複習 / Review			
9	期中考試週 Midterm Exam			
10	電子發票(1) / Invoice(1)			
11	電子發票(2) / Invoice(2)			
12	電子發票(3) / Invoice (3)			
13	物流API(1) / Shipping (1)			

14	物流API(2) / Shipping (2)	
15	物流API(3) / Shipping (3)	
16	金流API複習 / Field Testing	
17	總複習 / Final Review	
18	期末考試週/ Final Exam	

教學策略 Teaching Strategies

- 課堂講授 Lecture
 分組討論 Group Discussion
 參觀實習 Field Trip
 其他 Miscellaneous:

教學創新自評 Teaching Self-Evaluation

創新教學 (Innovative Teaching)

- 問題導向學習 (PBL)
 團體合作學習 (TBL)
 解決導向學習 (SBL)
 翻轉教室 Flipped Classroom
 磨課師 Moocs

社會責任 (Social Responsibility)

- 在地實踐 Community Practice
 產學合作 Industry-Academia Cooperation

跨域合作 (Transdisciplinary Projects)

- 跨界教學 Transdisciplinary Teaching
 跨院系教學 Inter-collegiate Teaching

- 業師合授 Courses Co-taught with Industry Practitioners

其它 other:

學期成績計算及多元評量方式 Grading & Assessments

配分項目 Items	配分比例 Percentage	多元評量方式 Assessments							
		測驗 會考	實作 觀察	口頭 發表	專題 研究	創作 展演	卷宗 評量	證照 檢定	其他
平時成績(含出缺席) General Performance (Attendance Record)	5%		✓						
期中考成績 Midterm Exam	30%		✓						
期末考成績 Final Exam	30%		✓						
作業成績 Homework and/or Assignments	20%		✓						
其他 Miscellaneous (課堂互動 Course Interaction)	5%		✓						

評量方式補充說明

Grading & Assessments Supplemental instructions

教科書與參考書目 (書名、作者、書局、代理商、說明)

Textbook & Other References (Title, Author, Publisher, Agents, Remarks, etc.)

未使用教科書 / NDNF API Document of Newebpay Technology shall be used.

課程教材網址(含線上教學資訊, 教師個人網址請列位於本校內之網址)

Teaching Aids & Teacher's Website(Including online teaching information.

Personal website can be listed here.)

教師自行製作投影片、藍新科技網路教材 / NDNF API Document of Newebpay Technology shall be used.

其他補充說明 (Supplemental instructions)