



教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	高等資訊管理專題		學年/學期 Academic Year/Semester	112/1
課程名稱(英文) Course Name in English	Topics on Advanced Information Management			
科目代碼 Course Code	BM_75200	系級 Department & Year	博士	開課單位 Course-Offering Department
修別 Type	必修 Required	學分數/時間 Credit(s)/Hour(s)	3.0/3.0	
授課教師 Instructor	/葉國暉/陳偉銘			
先修課程 Prerequisite				
課程描述 Course Description				
Advanced topics on AI, Security, Fintech and AI ethic.				
課程目標 Course Objectives				
資訊管理專涵蓋範圍極廣，本課程將闡述資訊管理的原理，並說明如何藉由資訊科技與資料分析，使學生具有資訊相關的管理能力。				
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	培育具備資訊管理相關理論與應用的知識 Cultivate the knowledge of information management application	●		
B	培育具備邏輯推演、問題解決與獨立研究的能力 Cultivate the capability of logical deduction, problem solving and independent research	●		
C	培養具備資訊專業知識與技能 Cultivate the professional ability and skill regarding information	○		
D	培養具備資訊科技與管理領域之知識整合應用能力 Cultivate the integrated ability regarding information technology and management	●		
E	培養具備創新思維、領導智能與國際觀的能力 Cultivate the ability regarding innovative thinking, leadership and international view	●		
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	Advanced topics on AI			
2	Advanced topics on AI			
3	Advanced topics on AI			
4	Advanced topics on AI			
5	Advanced topics on Security			
6	Advanced topics on Security			

7	Advanced topics on Security	
8	Advanced topics on Security	
9	期中考試週 Midterm Exam	
10	Advanced topics on Fintech	
11	Advanced topics on Fintech	
12	Advanced topics on Fintech	
13	Advanced topics on Fintech	
14	Advanced topics on AI ethic	
15	Advanced topics on AI ethic	
16	Advanced topics on AI ethic	
17	Advanced topics on AI ethic	
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 General Performance									
期中考成績 Midterm Exam									
期末考成績 Final Exam									
作業成績 Homework and/or Assignments									
其他 Miscellaneous (以Syllabus上配分方式為 主)	100%								

評量方式補充說明

Grading & Assessments Supplemental instructions

四次報告(主題為人工智慧、資訊安全、金融科技與人工智慧倫理)，請針對以上四個領域中，從中挑選你有興趣的子議題，製作四份投影片(四個領域各一份)，每份投影片不超過10頁(含標題頁)，並請將報告轉成PDF，寄到我的信箱 khyeh@gms.ndhu.edu.tw，檔名為「學號-姓名.pdf」，繳交截止時間分別為10/10、10/31、11/30與12/31。

This course will need four reports, i.e. slides, from you. The domains related to these four reports are AI, Information Security, Fintech and AI Ethics, respectively. Nota that one report per domain. You can choose any subtopics you interested in these four domains. The four reports should be in slide format (no more than 10 pages including the title page). Please covert the reports' format to PDF, and send them to me at khyeh@gms.ndhu.edu.tw before 10/10, 10/31, 11/30 and 12/31, respectively. Note that the file name of your report is StudentID-Name.pdf.

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.)

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.)

其他補充說明 (Supplemental instructions)