



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	113/1	
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	企業管理學系
修別 Type	必修 Required	學分數/時間 Credit(s)/Hour(s)	3.0/3.0		
授課教師 Instructor	/邱素文				
先修課程 Prerequisite					
課程描述 Course Description					
Focus on Machine Learning and Big Data decision making science, AI-based EC.					
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	Introduction of TAIM				
2	Topics of Big data decision support system (BDSS)				
3	Topics of BDSS: cont'd				
4	Topics of BDSS: cont'd				
5	10/11: oral report-1			REQUIRED	
6	10/18: oral report-1			REQUIRED	

7	10/25; oral report-1 (cont'd)	REQUIRED
8	11/01 Midterm exam: open book	REQUIRED
9	Midterm week	
10	Topics on AI-based EC	
11	Topics on AI-based EC (cont'd)	
12	Topics on AI-based EC (cont'd)	
13	12/06: oral report-2	REQUIRED
14	12/13: oral report-2 (cont'd)	REQUIRED
15	12/20: oral report -2	REQUIRED
16	12/27 Final report DUE	REQUIRED
17	Flexible study	
18	Final week	

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	10%		✓	✓					
期中考成績 Midterm Exam	30%	✓		✓					
期末考成績 Final Exam	30%	✓		✓	✓				
作業成績 Homework and/or Assignments	30%		✓	✓					
其他 Miscellaneous (_____)									

評量方式補充說明

Grading & Assessments Supplemental instructions

11/01: Midterm exam; 10/11, 18, 25, 12/06, 13, 20; ORAL REPORTS; 12/27: Final report

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.)

SCI / SSCI paper readings + lecture notes

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.)

see <http://elearn4.ndhu.edu.tw/moodle>

其他補充說明 (Supplemental instructions)