國立東華大學

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 Industy-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)