

 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	115/1
課程名稱(英文) Course Name in English	Topics on Advanced Information Management				
科目代碼 Course Code	IM_M0100	系級 Department & Year	碩士	開課單位 Course-Offering Department	資訊管理學系
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 AI-based machine Learning and Big Data decision making science, and AI-based EC.					
課程目標 Course Objectives					
In modern organization, it is critical to build a systematic concept for information application. This course describes the important bases and theories to let students understand the comprehensive concept of information management.					
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	培育具備創造與思考能力、服務精神、團隊合作以及國際觀Nurture ability regarding creativity and thinking, spirit of service, teamwork and international view				○
B	培養具備資訊專業知識與技能Nurture professional ability and skill regarding information				●
C	培養具備資訊科技與管理領域之知識整合應用能力Nurture integrated ability regarding information technology and management				●
D	培養具備解決問題之資訊剖析、組織、整合、應用以及表達的能力Nurture ability of information analysis, organization, integration, application, and expression regarding problem solving				○
E	培養具備獨立研究、領導智能與資訊創新能力Nurture ability regarding independent research, leadership and information innovation				○
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 and new faces				
2	Topics of AI-based big data decision support system (AI-BDSS)				
3	National holiday and no class				
4	Topics of AI-BDSS and announcement of 1st oral report with assigned reading paper				
5	National holiday and no class				

6	AI-BDSS and applications	
7	AI-BDSS and application (cont'd)	
8	10/30: 1st oral report with assigned paper	REQUIRED
9	11/06: 1st oral report with assigned paper (cont'd)	REQUIRED
10	11/13: Midterm exam in open book	REQUIRED
11	Topics on AI-based EC	REQUIRED
12	Topics on AI-based EC (cont'd)	
13	2nd oral report by free topic	REQUIRED
14	2nd oral report by free topic (cont'd)	REQUIRED
15	12/18: Written final report DUE	REQUIRED
16	National holiday and no class	
17	Flexible study	

彈性 教學 規劃 Flexible Teaching Plan	請勾選(至少需勾選1 個項目): Please tick the box(es). (At least one item is required.): ☒ 問題討論 Problem-based Discussion ☐ 翻轉教學 Flipped Classroom ☐ 展演實作 Performance / Practical Presentation ☐ 校外參訪 Off-campus Visit ☐ 講座活動 Lecture / Seminar ☐ 線上作業 Online Assignments ☒ 自主學習 Self-directed Learning ☐ 課業輔導 Academic Support ☐ 實驗操作 Experiment Operation ☐ 遠距教學(同步) Distance Learning (Synchronous) ☐ 遠距教學(非同步) Distance Learning (Asynchronous) ☐ 其他(請填寫) Others (Please specify.): 備註: 本校學期週數自115 學年度起調整為17 週, 為符合1學分18 小時之原則, 請教師規劃安排彈性教學。 Note: From the 115th academic year, the semester will be 17 weeks. Please include flexible teaching activities to meet the required 18 hours per credit.
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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)	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 11/13: MidExam; 10/30, 11/06, 12/04, 11: ORAL REPORTS; 12/18: 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 in TAIM									
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)									