

 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_50100	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					
在現代企業中，如何建構具有系統觀念的完整資訊應用已成為一個重要的課題。管理為其核心應用，資訊為其中流動的要素，然而具備見林又見樹的系統觀才不致於頭痛醫頭、腳痛醫腳。本課程將闡述資訊管理的重要基礎意涵以及設計概念，使學生能對資訊管理具備具有完整之概念。					
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.
--	--

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)									