



## 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	IM_M0100	系級 Department & Year	碩士	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	/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				
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			
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:

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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)