



教學計劃表 Syllabus

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| 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:

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)