



教學計劃表 Syllabus

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| 課程名稱(中文) Course Name in Chinese | 電子治理與數位轉型 | | 學年/學期 Academic Year/Semester | 112/1 |
| 課程名稱(英文) Course Name in English | E-Governance and Digital Transformation | | | |
| 科目代碼 Course Code | PUAD60410 | 系級 Department & Year | 碩士 | 開課單位 Course-Offering Department |
| 修別 Type | 選修 Elective | 學分數/時間 Credit(s)/Hour(s) | 3.0/3.0 | |
| 授課教師 Instructor | /羅晉 | | | |
| 先修課程 Prerequisite | | | | |
| 課程描述 Course Description | | | | |
| <p>This course provides an overview of e-Government/governance and digital transformation, along with information on citizen-centric services, digital identity, privacy, open data, data analytics, cybersecurity, blockchain technology, artificial intelligence, policy and legal frameworks, emerging technologies, and a capstone project.</p> <p>The course aims' to:</p> <ol style="list-style-type: none"> (1) Understand e-Governance and digital transformation concepts and principles. (2) Analyze the latest trends and emerging technologies. (3) Apply e-Governance theories and digital transformation principles to a real-world scenario through a capstone project. | | | | |
| 課程目標 Course Objectives | | | | |
| <ol style="list-style-type: none"> (1) Understand e-Governance and digital transformation concepts and principles. (2) Analyze latest trends and emerging technologies. (3) Apply e-Governance theories and digital transformation principles to a real-world scenario through a capstone project. | | | | |
| 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 | 具備公共行政與政策規劃分析的理論基礎與評估能力 Establishing the Theoretical Foundations and Building the Evaluation Capabilities for Public Administration and Policy Planning Analysis | | | ○ |
| B | 具備國際化與全球化的國際政治經濟的理論基礎與評估能力 Establishing the Theoretical Foundations and Building Evaluation Capabilities for International Political Economy | | | ○ |
| C | 具備理論分析的邏輯思考、問題分析與問題解決能力 Ability of Critical Thinking, Problem Analysis, and Problem-Solving | | | ● |
| D | 能夠對政策執行與規劃進行獨立研究與分析之能力 Ability of Independent Research and Analysis for Policy Implementation and Planning | | | ○ |
| 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 | 1: Introduction to e-Governance and Digital Transformation | | | |
| 2 | 2: Citizen-Centric Services and User Experience | | | |

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| 3 | 3: Digital Identity and Privacy | |
| 4 | 4: Open Data and Data Analytics | |
| 5 | 5: Digital Infrastructure and Connectivity | |
| 6 | 6: Cybersecurity in e-Governance | |
| 7 | 7: Blockchain Technology in e-Governance | |
| 8 | 8: Artificial Intelligence in e-Governance (1) | |
| 9 | 期中考試週 Midterm Exam | |
| 10 | 9: Artificial Intelligence in e-Governance (2) | |
| 11 | 10: Case Study - Successful e-Governance projects | |
| 12 | 11: Trends in Digital Transformation | |
| 13 | 12: Case Study - Digital Transformation in a specific sector | |
| 14 | 13: Policy and Legal Frameworks for e-Governance | |
| 15 | 14: Emerging Technologies for e-Governance | |
| 16 | 15: Capstone Project: Applying Digital Transformation and e-Governance Principles to a Real-World Scenario | |
| 17 | 16: Course Wrap-up and Final Reflection | |
| 18 | 期末考試週 Final Exam | |

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 | 30% | | | | | | | | |
| 期中考成績 Midterm Exam | | | | | | | | | |
| 期末考成績 Final Exam | | | | | | | | | |
| 作業成績 Homework and/or Assignments | 30% | | | | | | | | |
| 其他 Miscellaneous (Discussion and sharing) | 40% | | | | | | | | |

評量方式補充說明

Grading & Assessments Supplemental instructions

The teacher will offer several materials, including news, reports, videos, and journal articles with related questions for each week on the e-campus. So that the students could preview and prepare their perspectives in advance. Additionally, English as a lingua franca is just a tool for us to express and share ideas and knowledge. It's not a requirement and obstacle for each of us in this class.

1. Attendance and participation, 30%
2. Individual assignments, 30%
3. Discussion in the course and participation in group work and presentations, 40%

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.)

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.)

其他補充說明 (Supplemental instructions)