課程查詢系統 (/courseinfo/)

System for Course Schedule (/courseinfo/)

課程基本資料

系所 / 年級 *Department/Grade-Level*	通識選組 1年級
課號 / 班別 *Course Code*	95U000966 / A
學分數 *Credits*	2 學分
選 / 必修 *Elective / Required*	通識(General)
科目中文名稱 *Course Title (Chinese)*	AI、法治與當代社會
科目英文名稱 *Course Title (English)*	AI, Legal Governance, and Contemporary Society
負責教師 *Instructor*	盧裕倉(Lu, Yu-Tsang)
開課期間 *Course Load*	一學期
人數上限 *Enrollment Max.*	50 人
已選人數 *Enrollment Taken*	50 人
抽籤自動遞補等候人數 *Number of the waiting list after ballot*	17 人
備註 *Memo*	如初選滿額，以畢業班為優先，再依年級高低，最後依權重排序。

可選學制 (availability)

大學部	1年級 至6年級
二技部	不可選
碩士班	不可選
博士班	不可選

修讀他所『碩士班可供博士班下修課程』是否認列為博士班畢業學分，請先向所屬研究所確認，以免日後所修學分不予認列。

請各位同學遵守智慧財產權觀念；請勿非法影印。

教學綱要

課程概述
Course Description

本課程為教育部「大專校院AI法律通識教育推動計畫」支援之校園巡迴通識課程，以「AI倫理」為核心，結合法律治理與跨域應用。課程分成5大單元： 1.單元一：課程導論 2.單元二：AI 倫理與法律議題 3.單元三：AI與永續 4.單元四：AI驅動的智慧金融新趨勢 5.單元五：AI驅動的智慧醫療新趨勢 課程邀請各領域教師及專家授課，聚焦AI在個領域的應用；並藉由學生分組，討論、規劃及製作專題，學習提出解決方案。學期末評選出1組專題，參與各大專院校課群之成果發表會。

教學目標
Course Objectives

1.本課程聚焦於「AI、跨域、倫理、法律」四大主軸，帶領學生從公平、偏見、透明、隱私、資安等關鍵議題出發，連結共同的法律治理邏輯（如風險思維、責任分工、監督機制）。 2.本課程跨域延伸至當代重要的民生與產業領域（智慧醫療、智慧金融、智慧交通），培養學生在AI時代具備負責任使用AI、辨識風險與跨域整合之倫理法律素養。 3.藉由討論、規劃及製作專題，讓同學能實際應用課程所學，從實作中學習，瞭解AI在實際應用上可能面臨的倫理、法治、法律問題，以學習提出解決方案。

1. This course focuses on four main themes: AI, interdisciplinary collaboration, ethics, and law. It guides students through key issues such as fairness, bias, transparency, privacy, and cybersecurity, connecting them to common legal governance logics (e.g., risk awareness, division of responsibilities, and oversight mechanisms). 2. This course extends its interdisciplinary focus to important contemporary public and industrial sectors (smart healthcare, smart finance, smart transportation), cultivating students' ethical and legal literacy in the responsible use of AI, risk identification, and interdisciplinary integration in the AI era. 3. Through discussions, planning, and project creation, students can apply what they have learned in the course, learning through hands-on experience. They will understand the ethical, legal, and rule-of-law issues that AI may face in practical applications and learn to propose solutions.

先修科目
Prerequisites

無
non

教學方式
Teaching Methods

教師講課
Lecturing
小組討論、腦力激盪
Group discussion, Brain storming
觀察與資料收集、採訪
Observation and data collection, Interview
業師協同教學
Teaching collaborated with industry
學生上台報告
Student oral presentation
生成式AI工具應用
Generative AI tool applications
AI模擬實驗室或AI虛擬角色扮演
AI Simulation Lab, AI Virtual Role-Playing

評量方式
Assessment

期中、期末筆試
Midterm exam, Final exam

上台報告
Oral report

實作作品或成果報告
Practical work, Final report

出席情況
Class attendance

課堂參與及表現
Class involvement

期中考試（30%）、期末考試（30%）、專題報告（25%）、上台報告（10%）、平常表現（5%）

參考書目
Reference

1.EU (2024), laying down harmonised rules on artificial intelligence and amending Regulations (EC) No 300/2008, (EU) No 167/2013, (EU) No 168/2013, (EU) 2018/858, (EU) 2018/1139 and (EU) 2019/2144 and Directives 2014/90/EU, (EU) 2016/797 and (EU) 2020/1828 (Artificial Intelligence Act), 2024/1689, ELI: http://data.europa.eu/eli/reg/2024/1689/oj 2.EC (2025), Approval of the content of the draft Communication from the Commission - Commission Guidelines on prohibited artificial intelligence practices established by Regulation (EU) 2024/1689 (AI Act), C(2025) 884 final, Brussels, 4.2.2025. 3.EC (2025), Commission Guidelines on prohibited artificial intelligence practices established by Regulation (EU) 2024/1689 (AI Act), C(2025) 5052 final, Brussels, 29.7.2025. 4.CA (2025), Artificial intelligence models: large developers, Senate Bill No. 53. 5.CA (2024), California AI Transparency Act, Senate Bill No. 942. 6.CA (2024), Generative artificial intelligence: training data transparency, Assembly Bill No. 2013. 7.日本（2025），人工智慧相關技術研究開發及活用推進法案，令和七年六月四日法律第五十三号。 8.韓國（2025），人工智慧發展及信託基金會設立等框架法，法案編號：20676。 9.中華民國（2026），人工智慧基本法，華總一義字第11500001671號令。 10.楊正洪, 郭良越, 劉瑋（2023），AI與大數據技術導論（基礎篇），臺北市：崧燁文化。 11.丹妮拉・羅斯, 葛瑞格里・莫恩（2025），我們與機器人的光明未來：建造更美好的世界，臺北市：天下文化。 1.EU (2024), laying down harmonised rules on artificial intelligence and amending Regulations (EC) No 300/2008, (EU) No 167/2013, (EU) No 168/2013, (EU) 2018/858, (EU) 2018/1139 and (EU) 2019/2144 and Directives 2014/90/EU, (EU) 2016/797 and (EU) 2020/1828 (Artificial Intelligence Act), 2024/1689, ELI: http://data.europa.eu/eli/reg/2024/1689/oj 2.EC (2025), Approval of the content of the draft Communication from the Commission - Commission Guidelines on prohibited artificial intelligence practices established by Regulation (EU) 2024/1689 (AI Act), C(2025) 884 final, Brussels, 4.2.2025. 3.EC (2025), Commission Guidelines on prohibited artificial intelligence practices established by Regulation (EU) 2024/1689 (AI Act), C(2025) 5052 final, Brussels, 29.7.2025. 4.CA (2025), Artificial intelligence models: large developers, Senate Bill No. 53. 5.CA (2024), California AI Transparency Act, Senate Bill No. 942. 6.CA (2024), Generative artificial intelligence: training data transparency, Assembly Bill No. 2013. 7.Japan (2025), Act on Promotion of Research and Development, and Utilization of Artificial Intelligence-related Technology, Act No. 53 of June 4, 2025. 8.Korea (2025), Framework Act on the Development of Artificial Intelligence and the Establishment of a Trust Foundation, etc., Act No. 20676. 9.R.O.C. (2026), Artificial Intelligence Basic Act, 1.Promulgated on January 14, 2026. 10.Yang Zhenghong, Guo Liangyue, Liu Wei (2023), Introduction to AI and Big Data Technology (Basic), Taipei: Songye Culture. 11.Daniela Rus, Gregory Mone(2025), THE HEART AND THE CHIP: Our Bright Future with Robots, New York: W. W. Norton & Company.

教學進度
Course Schedule

2026/09/11 單元一：課程導論 講題：課程架構與學習任務介紹、AI發展與應用 主講人：盧裕倉 （中國醫藥大學人科院科法碩士學位學程專案助理教授）
Unit 1: Introduction to the Course Topic: Introduction to Course Structure and Learning Tasks; AI Development and Applications Speaker: Yu-Tsang Lu
盧裕倉(Lu, Yu-Tsang) (https://webap.cmu.edu.tw/TchEportfolio/index/ytlu)

2026/09/18 單元一：課程導論 講題：國際AI法律與治理現況（分組） 主講人：盧裕倉 （中國醫藥大學人科院科法碩士學位學程專案助理教授）
Unit 1: Introduction to the Course Topic: Current Status of International AI Law and Governance, and Class Grouping Speaker: Yu-Tsang Lu
盧裕倉(Lu, Yu-Tsang) (https://webap.cmu.edu.tw/TchEportfolio/index/ytlu)

2026/09/25 放假
Mid-Autumn Festival
盧裕倉(Lu, Yu-Tsang) (https://webap.cmu.edu.tw/TchEportfolio/index/ytlu)

2026/10/02 單元二：AI 倫理與法律議題 講題：從自駕車到智慧城市：從AI倫理到資料治理 主講人：吳瑛珠 (中央警察大學法律系助理教授)
Unit 2: AI Ethics and Legal Issues Topic: From Autonomous Vehicles to Smart Cities: From AI Ethics to Data Governance Speaker: Ying-Chu Wu
盧裕倉(Lu, Yu-Tsang) (https://webap.cmu.edu.tw/TchEportfolio/index/ytlu)

2026/10/09 放假
National Day
盧裕倉(Lu, Yu-Tsang) (https://webap.cmu.edu.tw/TchEportfolio/index/ytlu)

2026/10/16 單元二：AI 倫理與法律議題 講題：物理AI：機器人與自駕車倫理問題 建議同學上課前，先看此議題教學影片。https://youtu.be/W70hK5u4Dz8 主講人：甘偵蓉 (東海大學哲學系助理教授)
Unit 2: AI Ethics and Legal Issues Topic: Physical AI: Ethical Issues Concerning Robots and Self-Driving Cars Speaker: Chen-Jung Kan
盧裕倉(Lu, Yu-Tsang) (https://webap.cmu.edu.tw/TchEportfolio/index/ytlu)

2026/10/23 單元二：AI 倫理與法律議題 講題： AI的倫理規範與法律原則－由人工智慧基本法觀察 主講人：王紀軒 (東海大學法律系副教授)
Unit 2: AI Ethics and Legal Issues Topic: Ethical Norms and Legal Principles of AI: Perspectives from the Basic Law on Artificial Intelligence Speaker: Chi-Hsuan Wang
盧裕倉(Lu, Yu-Tsang) (https://webap.cmu.edu.tw/TchEportfolio/index/ytlu)

2026/10/30 單元三：AI與永續 講題：新時代的 AI 軍團：AI 如何驅動永續治理與未來創新 主講人：藍郁青 (台灣IBM首席AI科學家/資深顧問總監)
Unit 3: AI and Sustainability Topic: The New Era of AI Legion: How AI Drives Sustainable Governance and Future Innovation Speaker: Yu-Ching Lan
盧裕倉(Lu, Yu-Tsang) (https://webap.cmu.edu.tw/TchEportfolio/index/ytlu)

2026/11/06 單元三：AI與永續 講題：AI Agent賦能ESG：永續治理的機會與反思 主講人：徐金雲 (中國醫藥大學通識教育中心助理教授、永續發展辦公室社會責任組組長)
Unit 3: AI and Sustainability Topic: Empowering ESG with AI Agents: Opportunities and Reflections in Sustainable Governance Speaker: Chin-Yun Hsu
徐金雲(HSU, CHIN-YUN) (https://webap.cmu.edu.tw/TchEportfolio/index/cloud)
盧裕倉(Lu, Yu-Tsang) (https://webap.cmu.edu.tw/TchEportfolio/index/ytlu)

2026/11/13 期中考核
Midterm Exam
盧裕倉(Lu, Yu-Tsang) (https://webap.cmu.edu.tw/TchEportfolio/index/ytlu)

2026/11/20 單元四：AI驅動的智慧金融新趨勢 講題：金融科技新篇章：區塊鏈穩定幣重新建構全球金融 主講人：吳俊德 (KPMG 安侯建業會計師事務所 數位審計 經理)

Unit 4: AI-Driven Trends in Smart Finance Topic: A New Chapter in FinTech: How Blockchain Stablecoins Reshape Global Finance Speaker: Jun-De Wu
盧裕倉(Lu, Yu-Tsang) (https://webap.cmu.edu.tw/TchEportfolio/index/ytlu)

2026/11/27 單元四：AI驅動的智慧金融新趨勢 講題：AI重塑國際金融產業鏈：從自動化到智慧決策 主講人：周明鑫 (中信銀交易室資深股權交易員)

Unit 4: AI-Driven Trends in Smart Finance Topic: Reshaping the Global Financial Supply Chain with AI: From Automation to Smart Decision-Making Speaker: Ming-Xin Zhou
盧裕倉(Lu, Yu-Tsang) (https://webap.cmu.edu.tw/TchEportfolio/index/ytlu)

2026/12/04 單元四：AI驅動的智慧金融新趨勢 講題：金融業運用人工智慧(AI)指引之法律規範 主講人：謝文明 (彗聖律師事務所律師)

Unit 4: AI-Driven Trends in Smart Finance Topic: Legal Regulations on the Financial Industry's Guidelines for Applying AI Speaker: Wen-Ming Hsieh
盧裕倉(Lu, Yu-Tsang) (https://webap.cmu.edu.tw/TchEportfolio/index/ytlu)

2026/12/11 單元五：AI驅動的智慧醫療新趨勢 講題：AI醫療情境下的隱私保護與法律問責 主講人：周奕汝 (東海大學人工智慧法制研究中心執行秘書、東海大學法律學系博士班)

Unit 5: AI-Driven Trends in Smart Healthcare Topic: Privacy Protection and Legal Accountability in AI Healthcare Scenarios Speaker: Yi-Ru Zhou
盧裕倉(Lu, Yu-Tsang) (https://webap.cmu.edu.tw/TchEportfolio/index/ytlu)

2026/12/18 單元五：AI驅動的智慧醫療新趨勢 講題：AI心理健康服務之新興模式與責任風險 主講人：劉諺濬 (律師、本校科法所校友)

Unit 5: AI-Driven Trends in Smart Healthcare Topic: Emerging Models and Liabilities of AI-Based Psychological Risk and Health Services Speaker: Yan-Jun Liu
盧裕倉(Lu, Yu-Tsang) (https://webap.cmu.edu.tw/TchEportfolio/index/ytlu)

2026/12/25 放假

Constitution Da
盧裕倉(Lu, Yu-Tsang) (https://webap.cmu.edu.tw/TchEportfolio/index/ytlu)

2027/01/01 放假

New Year's Day
盧裕倉(Lu, Yu-Tsang) (https://webap.cmu.edu.tw/TchEportfolio/index/ytlu)

2027/01/08 期末考核及成果發表會

Final Exame / Exhibition Activity
盧裕倉(Lu, Yu-Tsang) (https://webap.cmu.edu.tw/TchEportfolio/index/ytlu)

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