國立高雄科技大學
National Kaohsiung University of Science and Technology
課程大綱 syllabus
115 學年度第 1 學期

部別：日間部

課程名稱：博雅(科技)漫談人工智慧	英文課程名稱：Introduction to Artificial Intelligence	授課教師：李孝悌
開課班級：博雅四技二甲(建工)	學分數：2.0	授課時數：2.0
合班班級：	實習時數：0.0	

教學目標(Teaching Objectives)

面對人工智慧（以下簡稱AI）快速進入教育、產業與社會生活，2026年我國正式制定「人工智慧基本法」，如何正確使用AI的法律準則，日漸重要。從而，本課程以「AI 倫理」為核心出發，透過結合法律治理與跨域應用，作為通識教育中的AI 法律課程。透過多元專業間跨領域與跨校合作、模組化主題課程設計與校內外師資資源整合，以回應AI 時代的人才培育、社會治理與國家發展需求。期待達成以下教學目標：

1. 培育學生具備負責任使用AI的態度
2. 辨識AI使用的法律風險
3. 理解AI在法律上權責分配
4. 掌握產業應用AI之法律倫理素養

With the rapid integration of Artificial Intelligence (AI) into education, industry, and social life, and with Taiwan's formal enactment of the "Basic Law on Artificial Intelligence" in 2026, the legal principles for the proper use of AI are becoming increasingly important. Therefore, this course focuses on "AI Ethics," combining legal governance and cross-disciplinary applications as an AI law course within general education. Through interdisciplinary and inter-institutional collaboration among diverse professions, modular, thematic curriculum design, and the integration of internal and external faculty resources, it aims to address the needs of talent cultivation, social governance, and national development in the AI era. The course is expected to achieve the following learning objectives:

1. Cultivate students' responsible attitude towards the use of AI
2. Identify the legal risks of AI use
3. Understand the legal allocation of rights and responsibilities related to AI
4. Master the legal and ethical literacy for industrial applications of AI

教學綱要(Course Description)

本課程以人工智慧使用上所面臨的倫理與法律議題出發，主要分為四個部分的教學主題：

1. 人工智慧倫理議題與人工智慧基本法

2026年1月正式通過人工智慧基本法，此乃我國首次針對AI進行法律規範，本段落課程主題以面對人工智慧發展，使用範疇上所產生的法律倫理爭議，進一步思考與關注，以及介紹人工智慧基本法為主軸協助我們省思與關注。

2. 人工智慧在民事法律與智慧財產領域

原本法律規範的權利主體為『人』，且以「自然人」為主，本段主題將探討民事法律、智慧財產法律（著作權法、專利法、商標法等）中，如自動車駕駛、商業產品、國際貿易或藝術創作，若由AI生成的作品，在法律上應如

This course addresses the ethical and legal issues surrounding the use of artificial intelligence (AI), and is divided into four main themes:

1. Ethical Issues of AI and the Basic Law on AI

The Basic Law on AI, formally passed in January 2026, marks the first time Taiwan has legally regulated AI. This section focuses on the legal and ethical controversies arising from the development and application of AI, further exploring these issues and introducing the Basic Law to aid our reflection and attention.

何規範其權利與責任歸屬。
3. 司法制度與人工智慧
法院中法官的審判工作，以及律師辯護的職業，因為人工智慧的使用，可能產生何種程度的衝擊，本段主題將探討法官與律師的工作是否可能被AI取代或減輕。
4. 社會、教育與國家安全中人工智慧的發展
隨著AI可使用範圍與類型越來越多元化，在教學與學習上因應AI的發展會有何種轉型的面貌。隨著俄烏戰爭的型態、兩岸政治情勢與網路資訊認知戰的發展，AI扮演越來越關鍵的工具角色，本段落將帶領我們一起思考AI廣泛應用後的社會生活與規範。
※本課程獲得教育部【115學年大專校院AI 法律通識教育推動計畫】補助
課程進行中將邀集12位各領域專家學者進行專題演講。

2. AI in Civil Law and Intellectual Property
The legal subject of rights is traditionally "human," primarily "natural persons." This section will explore how the rights and responsibilities of AI-generated works, such as autonomous vehicles, commercial products, international trade, and artistic creations, should be regulated under civil and intellectual property law (copyright, patent, and trademark law).

3. The Judicial System and AI
This section will explore the potential impact of AI on the work of judges and lawyers, examining whether AI might replace or alleviate their duties.
4. The Development of Artificial Intelligence in Society, Education, and National Security
As the scope and types of AI applications diversify, how will teaching and learning transform in response to AI development? With the evolving nature of the Russia-Ukraine war, the political situation across the Taiwan Strait, and the development of cyber information warfare, AI is playing an increasingly crucial role as a tool. This section will guide us in considering social life and norms after the widespread adoption of AI.

永續發展目標(SDGs)

核心能力(Core Competencies)

具備核心能力

教科書(Textbook)

1
中文書名：AI來了LAW變了
英文書名：
中文作者：財團法人人工智慧法律國際研究基金會 編
英文作者：
中文出版社：元照
英文出版社：
出版日期：2023年9月
備註：

參考書(Reference Books)

1
中文書名：臺灣人工智慧基本法之研議與形成
英文書名：
中文作者：財團法人人工智慧法律國際研究基金會 編
英文作者：
中文出版社：元照
英文出版社：
出版日期：2025年9月
備註：

教學進度(Teaching Progress)

週次或項目 Week or Items	中文授課內容 Chinese Course Content	英文授課內容 English Course Content	分配節次 Assigned Classes	備註 Note
1	課程介紹與分組	Course Introduction and Grouping	2	
2	AI 倫理、人工智慧基本法及相關治理原則	AI ethics, fundamental laws on artificial intelligence, and related governance principles	2	
3	中秋節	Mid-Autumn Festival	2	
4	AI 倫理與各產業發展之國際治理最新趨勢	Latest Trends in International Governance of AI Ethics and the Development of Various Industries	2	
5	國慶日	National Day	2	
6	AI對民法權利主體的衝擊	The impact of AI on civil law rights holders	2	
7	AI應用於藝術領域的爭議	Controversy surrounding the application of AI in the arts	2	
8	國際貿易與AI供應鏈	International Trade and AI Supply Chain	2	
9	企業AI認證ISO 42001	Enterprise AI Certification ISO 42001	2	
10	AI在醫療上應用與倫理	AI Applications and Ethics in Healthcare	2	
11	AI應用與華語教學	The Impact of AI Proliferation on Legal Practice	2	
12	AI對司法與律師產業之影響	The impact of AI on the judicial and legal industries	2	
13	從認知作戰看AI應用的轉變	The Transformation of AI Applications from the Perspective of Cognitive Warfare	2	
14	國家安全與AI使用	National security and the use of AI	2	
15	期末報告暨期末分享（一）	Final Report and Final Sharing (Part 1)	2	
16	行憲紀念日	Constitution Day	2	

週次或項目 Week or Items	中文授課內容 Chinese Course Content	英文授課內容 English Course Content	分配節次 Assigned Classes	備註 Note
17	元旦	New Year	2	
18	期末報告既期末分享（二）	Final Report and Final Sharing (Part 2)	2	

成績評定(Evaluation method)

1.出席率(30%) 2.個人課堂筆記作業(40%) 3.期末專題分享報告(30%)	(1)Attendance rate and class participation:30% (2)Personal report:40% (3)Group report:30%

課堂要求(Classroom requirements)

1.依課程進度寫作課程筆記，上課進度與形式視實際情況調整，將另事先告知。 2.準時上下課，逾時進教室，將列入出席分數考量。	1. Write course notes according to the course schedule. The class schedule and format may be adjusted depending on the actual situation, and you will be notified in advance. 2. Be punctual for class. Late arrivals will be considered in your attendance score.

遵守智慧財產權，不得非法影印