

113 學年度第 2 學期基隆市政府教育處暨國立政治大學合作微課程專班 課程大綱

課程名稱	AI 在不動產金融與投資中的應用
開課單位	地政系
授課教師	林左裕
修課人數	100 人
上課時間	114, 3, 29.13:00-16:00.
上課地點	國立政治大學綜合院館
學生圖像	
課程概述	本課程教導財務金融原理在不動產投資與市場分析之應用，並以 Excel 及林教授所撰寫之網頁程式，教導財務評估工具在計算房貸、可負擔房價、不動產大量估價及投資可行性評估之 AI(人工智慧)或自動化之應用。
一、學習目標&課綱核心素養	
This course aims to equip students with skills of using software or big data on the websites for efficient and real-time analysis and forecast, as well as automated calculation and investment decision making.	
二、課程內容	
This course instructs the “Artificial Intelligence” (AI) in real estate finance and investment so that students can apply the technology or software in solving the complicated problems in the real practice. Scope of this course includes the “Computed Assisted Mass Appraisal”(CAMA), Analysis of the “Big Data” for market projection (e.g., sources from the “Google Trend” or the “Real Transaction Price System in Taiwan”), Mortgage Payment Calculation (Development of app.), and the Financial Feasibility Analysis of Projects (using Excel Function). Students will significantly improve their capability in using the technology, software and the information on the internet for advanced analysis.	
三、上課方式及成果要求	
<ol style="list-style-type: none"> 1. 主要由教授教學基礎財務、不動產概念與 Excel 功能之應用。 2. 課後簡要小考。 3. 學生上網自主學習(國際 Future Learn 學習網站免費註冊)。 4. 學生能自備筆電尤佳。 	