



01

01 學員成果展
End-of-term presentation

實踐大學與勞動部攜手打造 「AI 影像辨識與視覺設計產業人才培訓據點」

紀秉誼 | 推廣教育部推廣企劃組組長

隨著人工智慧 (AI) 技術的進步，影像辨識與視覺設計已成為當今最具潛力的領域之一。行政院於 2023 年訂定「臺灣 AI 行動計畫 2.0」，其中內容涵蓋對人才培養的重視，以確保臺灣在全球競爭中保持領先地位。基於對當前產業需求的洞察及配合國家政策，勞動部勞動力發展署啟動「區域產業據點職業訓練計畫」，此一創新的職業訓練計畫主要執行對 AI 應用人力之需求調查與盤點分析、訓練課程開發及職業訓練，期能培育 AI 專業人才，為臺灣產業的未來發展注入新活力。

勞動部勞動力發展署北基宜花金馬分署為執行「區域產業據點職業訓練計畫」，委託實踐大學辦理該計畫之「AI 影像辨識與視覺設計產業人才培訓據點」（以下簡稱培訓據點）。本校為此一計畫核心之執行者，擔任設置專業培訓據點、成立專責執行團隊、規劃與實施職業訓練課程等重要任務。這些職訓課程不僅為失業勞工提供職前訓練的機會，亦為在職勞工規劃職能提升的途徑，以應對快速變化的產業需求。

為執行上述培訓據點計畫，本校充分發揮於時尚與視覺設計領域的深厚底蘊與教學經驗，並將此一特色融入 AI 應用課程設計，不但培育具有專業技能的人才，更有助於學員開展創新思維與跨領域創作能力，這

些特質與能力在現今瞬息萬變的環境中尤為重要。此次與北分署合作成立培訓據點，使本校在人工智慧結合設計領域達到新的高度，不僅提升學術研究並培育人才，亦成為推動地區創新與技術進步的重要力量。

規劃與實施職業訓練課程

培訓據點的核心目標為培養 AI 技術結合設計美學之專業人才，並增進其 AI 應用能力，以運用於工作經驗與職場創新，推動學員自我發展及發揮對產業之影響力。為此，本校規劃一系列課程，採用創新的教學方法，結合專案導向的學習，並與產業界密切合作。課程內容不僅涵蓋 AI 技術的基本知識，亦包括最新的影像辨識技術、視覺設計原則，以及與這些技術相關的倫理與社會問題，並引入業界專家擔任師資，以確保訓練的實用性與前瞻性，同時課程兼具理論與實務，以利於適應快速變化的勞動市場需求。

建置產業人才培育策略平臺

培訓據點成立專家諮詢小組，進行當前市場需求調查，針對 AI 技術在各行業的應用，確定關鍵技能及知識領域，並分析勞動市場與未來趨勢中技術人才所需的核心技能，以確保訓練課程與產業需求一致。培訓據點不僅提供學員最新的學習資源，亦積極與產業界、學術機構及研究單位合作，為受訓學員提供實習及就業機會，以促進就業市場的穩定與發展。

為提供更多的即時資訊，本校為培訓據點建置 AI 影像辨識與視覺設計網站 (<https://aivb.usc.edu.tw/>)，該網站不僅是資訊豐富的平臺，更是激發創意、探索 AI 奧妙的媒介，涵蓋從職前訓練到在職進修的各種服務項目，並提供課程紀錄、產業講座、廠商輔導、人才推薦及就業媒合等多元化資源。

提供完善培訓據點基地

本次培訓據點基地由本校推廣教育部室內設計專業師資設計，基地設有辦公區域，建置完善的檔案儲存櫃，以確保所有重要文件及學員個資的安全與保存。會議區配有桌椅及白板設施，提供企業廠商與團隊商討各項事務與合作機會之空間，整體設計有利於促進有效之溝通與協作。另設有小組討論或一對一會談之洽談區，課程學員或社區民眾可以自由在地於此空間諮詢 AI 課程或相關事宜，此區域創造出輕鬆而非正式的氛圍，有助於促進開放坦誠的對話。

隨著培訓據點計畫的推進，本校期能培養技術精湛且具有創新精神與國際視野的專業人才，以成為推動臺灣產業升級及參與國際競爭的重要力量。同時，本校亦藉此積極回應社會日益增長的技術創新需求，並展現對社會責任的認知與承擔，不僅提升在教育領域的影響力，更為臺灣在 AI 與視覺設計領域的未來發展貢獻一份心力。■

02

AI 影像視覺設計暨創意思考應用班結訓成果發表

End-of-term presentation of the AI image visual design and creative thinking course



02



政府全額補助 | 職前訓練班216小時

AI 影像視覺設計 暨創意人才養成班

4/9—5/24 週一至五 09:00~18:00



政府全額補助 | 職前訓練班366小時

AI影像辨識工程師 培訓班

5/9—8/6 週一至五 09:30~16:30

最新消息



23
2月

AI
Visual Design
Creative
Training
Class

03

AI影像視覺設計暨創意人才養成班



AI
Image
Recognition
Python
Training



AI影像辨識工程師培訓班



26
1月

探索科技與設計的融合之美-結合3D影像技術與AI生成內容技術的虛擬服飾展

03

AI 影像辨識與視覺設計產業人才培訓據點官方網站

Official website of the AI Imaging and Visual Designing Regional Industry Training Center

Shih Chien and the Ministry of Labor Join Hands to Build AI Imaging and Visual Designing Regional Industry Training Center

Tony Chi (紀秉誼), Director of Planning & Marketing Division of Continuing Education Center

With recent progress, artificial intelligence (AI), image recognition and visual design have emerged as fields with great potential. In 2023, Taiwan's Executive Yuan formulated the **"Taiwan AI Action Plan 2.0"**, which includes a focus on nurturing talent to ensure Taiwan stays ahead of global competition. In view of the industry's current needs and in line with national policy, the Workforce Development Agency of the Ministry of Labor launched the innovative **"Regional Industry Vocational Training Plan"**. The plan included a survey of the demand for AI talent, and developed courses and vocational training to nurture AI talent for the future of Taiwan's industries.

As part of the efforts to implement the "Regional Industry Vocational Training Plan", the Taipei-Keelung-Yilan-Hualien-Kinmen-Matsu Regional Branch of the Workforce Development Agency has commissioned Shih Chien University (SC) to run the **AI Imaging and Visual**

Designing Regional Industry Training Center (referred to as the Center below). SC has established a professional training center, set up the team responsible for the project, and planned and implemented the training courses. The vocational training courses offer unemployed workers an opportunity of pre-employment training, while providing on-the-job training to help workers cope with fast-changing demands in the industry.

With enormous resources and rich teaching experience in the areas of fashion and visual design, SC incorporates our unique features with the design of AI application courses. Not only do we aim to nurture talent by providing professional skills, we also help students develop an innovative mindset and cross-disciplinary skills, which have become crucial in a fast-changing world. By setting up the Center with the northern branch of the Workforce Development Agency, SC is heading towards a new milestone in the area that combines AI with design. The Center is

crucial in academic research and talent development, and also an important drive in innovation and technological progress.

Plan and implement vocational training courses

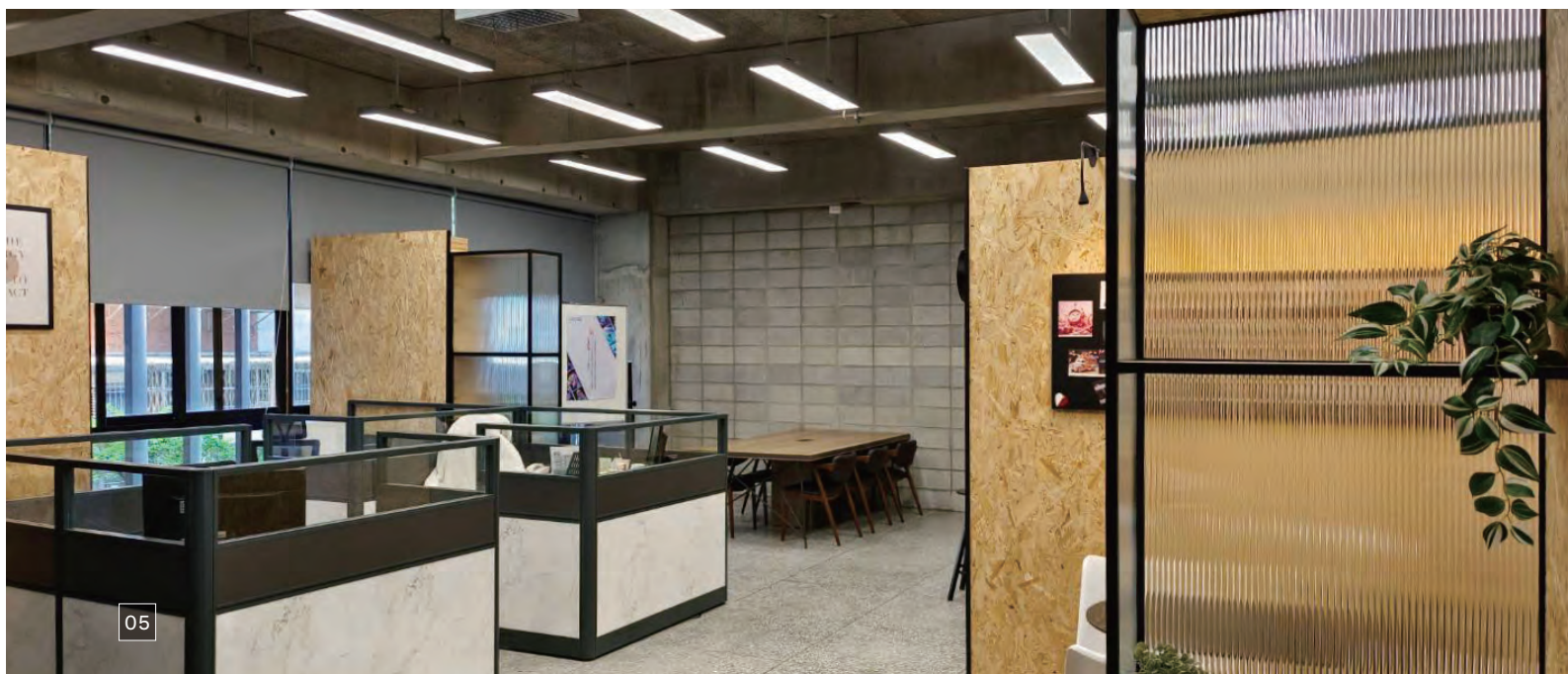
The goal of the Center is to nurture talent with the ability to combine AI and design while enhancing AI application skills. Students should be able to apply the new skills and innovation at work so they can continue to self-develop and create positive impacts in the industry. Therefore, SC has designed a series of courses with innovative teaching methods and project-based learning while working closely with industry. In addition to the basics of AI technology, the course modules also introduce the latest image recognition technology, visual design principles and relevant ethics and social issues. Industry mentors are invited to ensure the training is practical and forward-looking, balancing between theory and practice so students can keep

04

授課教師介紹 AI 影像視覺設計課程內容

The lecturer introduced the course modules of AI imaging and visual designing.





05

辦公區域提供學員諮詢課程與 AI 資訊服務

Students can inquire about the courses and relevant AI information at the office area.

abreast of the fast-changing demands of the labor market.

Industry talent development strategy platform

The Center invites a team of experts to conduct a survey to learn about the application of AI in different industries to identify the key skills and domain knowledge. The team also analyzed the core skills required in the labor market and future trends to ensure the direction of the training stays in line with the demands of industry. In addition to the most updated learning resources, the Center collaborates with industry, academic and research institutions to offer internships and job opportunities to support the stability and development of the job market.

For more updated information, visit the website of the AI Imaging and Visual Designing Regional Industry Training Center (<https://aivb.usc.edu.tw/>). This

platform offers a wide range of information to spur creativity and introduce the world of AI. Users can find all they need to know from pre-employment to on-the-job training, including course records, lectures, counselling, talent referrals, job matching and so on.

A well-designed training center

The Center has been designed by the interior design teaching staff of our Continuing Education Center. An office area is included to ensure all important documents and students' personal information are safely stored in the filing cabinets. In the meeting area, tables, chairs and whiteboards have been set up so business representatives and the team can have discussions on various issues and collaboration opportunities. The whole space was designed to facilitate communication and collaboration. A group discussion or one-on-one meeting area is also available. Students or local residents can use the



06 基地會議區可進行一對一或小組討論
A space for one-on-one or group discussion at the Center



07 培訓據點基地設於實踐大學東閔紀念大樓 1 樓
The Center is located on the first floor of SC's Tung-Min Memorial Building.

space to inquire about AI courses. The space creates a relaxing atmosphere to facilitate open discussion.

With the establishment of the Center, SC hopes to develop talent with professional skills, innovative spirit and a global perspective. They will become the important driving force to help upgrade

Taiwan's industries to compete on the global stage. Meanwhile, SC continues to respond to the growing needs for technological innovation as part of its responsibility to society. We will not only work hard to improve our impact in the field of education, but also contribute to Taiwan's future development of AI and visual design. ■

08 3D 與 AI 生成虛擬服飾展
3D and AI generated outfit exhibition



09 服飾設計授課教師介紹作品製作流程
A fashion design lecturer talked about the process of making the outfit.

