

Smart Innovation Micro-Program to Cultivate Cross-Disciplinary Information Talents

To cultivate interdisciplinary talents with potential for intellectual innovation, equip students in non-information software engineering fields with backgrounds in artificial intelligence, digital technology, and software development, allowing them to possess problem-solving abilities in information technology, the university has received funding from the Ministry of Education's "Smart Innovation Key Talent Project" to become a demonstration school for cultivating interdisciplinary talents with potential for intellectual innovation. Starting this semester, 2 micro-programs, "Multimedia and Human-Computer Interaction Technology and Applications" and "Commercial English Industry", will be offered, taking the first step in talent cultivation.

The project, hosted by Vice President for Academic Affairs Hui-Huang Hsu, plans micro-programs with artificial intelligence and digital technology as the core. The courses include basic programming languages, practical applications, and industry internships, aiming to allow students to easily learn AI-related knowledge and meet future employment trends. The "Multimedia and Human-Computer Interaction Technology and Application" micro-program cultivates students' ability to integrate AI, multimedia games, and communication technology through programming languages, multimedia technology, and AI training. The "Commercial English Industry" micro-program equips students with the ability to be employed in the industry through programming design, scenario-based teaching, commercial and AI technological English knowledge. Students don't have to apply to take the above micro-courses, just complete the course selection process by themselves during the course selection period. After completing 11 credits of a single micro-program, students can apply for a certificate of completion. For more information, please refer to the website of the Department of Information and Communication.

智慧創新 微學程計畫

因應未來產業發展趨勢，提升資訊應用能力

本計畫從多媒體應用或商業英語領域
 跨域結合人工智慧與資訊面向，培育資訊軟體相關領域的人才
 開設 **多媒體與人機互動技術與應用** 與 **商用英文產業** 兩個微學程

培育跨域協作與整合的能力；
 參與競賽；實習機會；提升未來就業競爭力

申請期限 每學期選課期間

申請對象 非資訊軟體開發相關學系之大學部學生

修習證書 需修習「基礎」、「核心」、「總整」
 三階段課程，修畢11學分即可提出申請



聯絡資訊：淡江大學資訊傳播學系 電話：(02) 2621-6656 #2255

| 智慧創新關鍵人才躍升計畫 微學程課程一覽 | | | |
|-------------------------|--------------|-----|---------|
| 微學程名稱 | 開設課程 | 學分數 | 必選修 |
| 「多媒體與人機互動技術與應用」微學程 | Python 程式設計 | 3 | 必修 |
| | 設計思考工具與方法 | 3 | 至少選修6學分 |
| | 多媒體技術概論 | 2 | |
| | 人工智慧與互動多媒體 | 2 | |
| | 電腦視覺與多媒體檢索 | 2 | |
| | Unity 遊戲程式設計 | 2 | |
| | 互動新媒體整合專題 | 2 | 必修 |
| 「商用英文產業」微學程 | Python 程式設計 | 3 | 必修 |
| | 設計思考工具與方法 | 3 | 至少選修6學分 |
| | 多媒體技術概論 | 2 | |
| | 人工智慧與互動多媒體 | 2 | |
| | 情境式英語口語表達 | 2 | |
| | 沉浸式商用英文 | 2 | |
| | 商用英文教學專題實作 | 2 | 必修 |