

元智大學藝術與設計學系「藝術、設計與工程創意整合」深耕跨域學程科目規劃表
Department of Art And Design
Yuan Ze University
"Art, Design & Engineering Creative Integration (ADECI), " Advanced Cross-Domain Program Course
Planning Table
(115學年度申請適用)
(For students applied in Academic Year 2026)

115.04.29 一一四學年度第七次教務會議通過
 Passed by the 7th Academic Affairs Meeting, Academic Year 2025, on April 29, 2026
 115.8.25 一一五學年度第一次教務會議修訂通過
 Amended by the 1st Academic Affairs Meeting, Academic Year 2026, on August 25, 2026

一、教學目標 Teaching Objectives：

本學程命名為藝術、設計與工程創意實踐學分學程，旨在啟發 (Inspiring) 藝術、設計、與工程背景同學結合之創意發想與實踐，達成跨領域多元知識整合。學程主要提供之研習對象為：(1) 對於藝術、設計、工程跨領域知識有學習興趣者，(2) 未來擬從事藝術、設計、工程跨領域產業相關工作之規劃者，(3) 擬朝藝術、設計、工程相關跨領域學科繼續升學或進修者。

This interdisciplinary cultivation program is entitled the Art, Design, and Engineering Creative Practice Credit Program. It aims to inspire students with backgrounds in art, design, and engineering to integrate creative thinking with practical application, thereby achieving interdisciplinary and diversified knowledge integration.

The program is primarily designed for:

- (1) Students who are interested in learning interdisciplinary knowledge spanning art, design, and engineering;
- (2) Students who plan to pursue careers in interdisciplinary industries related to art, design, and engineering; and
- (3) Students who intend to continue their studies or pursue further academic advancement in interdisciplinary fields related to art, design, and engineering.

二、課程設計 Curriculum Design：

核心課程：3學分

Core Courses：3 credits

課號 Course ID	課程名稱 Course Name	學分 Credit(s)	學制 Degree structure	開課系所 Department Offered the Present Course(s)	備註 Remarks
AD326	跨領域設計 Interdisciplinary Design	3	大學部 Undergraduate Program	藝術與設計學系 Department of Art and Design	二選一 Choose one of two
AD327	AI跨域設計實踐 AI Interdisciplinary Design Practice	3	大學部 Undergraduate Program	藝術與設計學系 Department of Art and Design	

專業課程：至少9學分

Professional Courses: at least 9credits

課號 Course ID	課程名稱 Course Name	學分 Credit(s)	學制 Degree structure	開課系所 Department Offered the Present Course(s)	備註 Remarks
AD379	仿生設計 Biomimetic Design	3	大學部 Undergraduate Program	藝術與設計學系 Department of Art and Design	四擇二 Choose three of the four options
AD287	生成式參數設 Generative Parametric Design	3	大學部 Undergraduate Program	藝術與設計學系 Department of Art and Design	
AD286	AI 數位製造 AI-Integrated Digital Fabrication	3	大學部 Undergraduate Program	藝術與設計學系 Department of Art and Design	
AD285	沉浸式互動體驗 Immersive Interactive Experience	3	大學部 Undergraduate Program	藝術與設計學系 Department of Art and Design	
ME306	機械設計（一） Mechanical Design (I)	3	大學部 Undergraduate Program	機械工程學系 Department of Mechanical Engineering	四擇一 Choose one of the four options
ME441	自動化機械設計 Machinery Design Practice(I)	3	大學部 Undergraduate Program	機械工程學系 Department of Mechanical Engineering	
ME478	專利分析 Patent Analysis	3	大學部 Undergraduate Program	機械工程學系 Department of Mechanical Engineering	
IE243	產品設計思維	3	大學部 Undergraduate Program	工業工程學系 Department of Industrial Engineering and Management	

三、學程證書授予標準 Certificate Award Criteria：

1. 須至少修習一門非學生所屬學系（組、班）之科目。
Students are required to take at least one course outside their own department (or program/class).
2. 修讀本學程之學生須修畢12學分，包含核心課程3學分，專業課程9學分，即授予學程證書。
Students enrolled in this program must complete 12 credits, including 3 credits of Core Courses, 9 credits of Professional courses, to be awarded a program certificate.

四、領域別 Fields of Study：創新創生 Innovation and Creation

五、學程召集人 Program Director: 林楚卿教授 Prof. Chor-Kheng Lim

六、負責規劃單位 Responsible Planning Unit：藝術與設計學系 Department of Art And Design