

國立臺北商業大學【二專日間部】創意科技與產品設計系（智慧科技設計專班）課程科目表（115學年度入學新生適用）

Course List for Associate of Design (A.D.)- 2Years Junior College Program, Department of Creative Technologies and Product Design, School of Innovative Design and Management, National Taipei University of Business
(Applicable to Students Admitted in Fall, 2026)

科目類別 Category	科目名稱 Course Title		學分數 Credit	時數 Hour	授課時數 Contact Hour								備註	
					第一學年Yr 1				第二學年Yr 2					
					上Fall		下Spring		上Fall		下Spring			
					授課 Lecture	實習 Practice	授課 Lecture	實習 Practice	授課 Lecture	實習 Practice	授課 Lecture	實習 Practice		
通識科目 (一般科目) Liberal Arts (Compulsory)	基礎必修 (語文思辯) Basic Required Courses (Languages)	國文領域 Chinese	國文(一) Chinese(1)	2	2	2							依年級規定修課，惟屬學期課程，學期開設時間依通識中心實際排課為準。 Each course must be taken in the designated semester, which is subject to the actual arrangement of the General Education Center.	
			國文(二) Chinese(2)	2	2			2						
		英文領域 English	英文(一) English(I)	2	2	2								
			英文(二) English(II)	2	2			2						
	核心必修 (公民涵養) Core Required Courses (Civic Literacy)	公民意識領域 Citizenship	依通識公告 及實際開課 為準	2	2					2				依年級規定修課，惟屬學期課程，依通識中心實際排課為準。且每一領域至少需修習2學分。 Each field/domain must be taken in the designated semester, which is subject to the actual arrangement of the General Education Center. At least two credits are required for each field/domain.
		永續發展領域 Sustainable Development	Courses offerings are subject to change due to further approval by the General Education Center. Please refer to "Course Schedule" announced at the General Education Center.	2	2					2				
		生活美學領域 Aesthetics		2	2						2			
		全民國防教育軍事訓練(選修) National Defense Education Military Training (Elective)		(8)	(8)	(2)		(2)		(2)		(2)		選修(不計入畢業最低總學分數) Elective courses (Not included in the minimum graduation requirement.) 實際開課學期，依軍訓室實際排課為準。 The semester of courses is subject to the actual arrangement of the Military Education Office.
		合計// Subtotal		14	14	4	0	4	0	4	0	2		0
	專業必修 Core Course (Compulsory)	服務學習 SERVICE LEARNING		(2)	(2)	(2)	(2)							
設計概論 INTRODUCTION TO DESIGN		2	2	2										
電腦輔助立體設計 3D COMPUTER-AIDED DESIGN		3	3	3										
電腦輔助平面設計 2D COMPUTER-AIDED DESIGN		3	3	3										
基礎程式設計 INTRODUCTION TO PROGRAMMING		3	3	3										
造型原理 PRINCIPLES OF FORM		3	3	3										
創意科技理論 THEORY OF INVENTIVE PROBLEM		2	2			2								
設計思考 DESIGN THINKING		2	2			2								
進階電腦輔助立體設計 ADVANCED 3D COMPUTER-AIDED DESIGN		3	3			3								
AI應用於專案規劃與執行 AI APPLIED TO PROJECT PLANNING AND EXECUTION		2	2			2								
專業必修 Core Course (Compulsory)		產品設計 PRODUCT DESIGN		3	3			3						
	人因工程 HUMAN FACTORS ENGINEERING		3	3					3					
	3D列印與雷射切割實務 3D PRINTER AND LASER CUTTING		4	4					4					
	3D渲染 3D RENDERING		3	3					3					
	動力機械設計 KINETIC MACHINERY DESIGN		3	3							3			
	產品設計專題 PRODUCT DESIGN PROJECT		4	4							4			
	互動設計 INTERACTION DESIGN		3	3							3			
	AI生成與3D列印 AI GENERATED AND 3D PRINTING		4	4							4			
	合計// Subtotal		50	50	14	0	12	0	10	0	14	0		
必修合計 Subtotal, Compulsory (至少應修 Minimum of Electives Required)			64	64	18	0	16	0	14	0	16	0		

本課程科目表經115年6月8日校級課程委員會議通過，適用一一五學年度入學新生。
Approved by the School-level Curriculum Committee on June 8, 2026.

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				上Fall		下Spring		上Fall		下Spring			
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專業選修 Elective	基礎素描 BASIC SKETCH	3	3	3									
	人工智慧概論 INTRODUCTION TO ARTIFICIAL INTELLIGENCE	3	3	3									
	模型製作 MODEL BUILDING	3	3	3									
	故事行銷與表達 STORY MARKETING AND EXPRESSION	2	2	2									
	材料與機構 MATERIAL AND MECHANISM	2	2			2							
	計算機概論 INTRODUCTION TO COMPUTER SCIENCE	3	3			3							
	互動數位敘事 INTERACTIVE DIGITAL NARRATIVE	3	3			3							
	虛幻引擎應用 UNREAL ENGINE APPLICATIONS	3	3					3					
	創意科技程式應用 ADVANCED PROGRAMMING	3	3					3					
	產品設計美學 AESTHETICS IN PRODUCT DESIGN	2	2							2			
	虛擬實境 VR	3	3							3			
合計// Subtotal	30	30	11	0	8	0	6	0	5	0			
選修合計 Subtotal, Elective (至少應修 Minimum of Electives Required)		16	16										
畢業最低總學分數80 (專業選修至少應修16學分) Total Number of Required Credits : 80 (Minimum of Electives Required: 16 Credits)													

備註1: 依「本校服務學習課程實施要點」規定：自99學年度起入學之日間部學生，應於畢業前至少修習一門「服務學習課程」始得畢業，相關規定請詳閱該要點。

Remark1: Students are required to take service learning before graduation and obtain the graduation qualification. Please refer to the requirement of the university.

備註2: 依本校「學術倫理教育課程實施要點」規定：自107學年度起入學之大學部、專科部學生須完成「臺灣學術倫理教育資源中心」之「學術倫理教育」全部核心單元並通過總測驗，或修習其他管道之學術倫理教育課程6小時以上且持有修課證明者始得畢業。

Remark2: Students are required to take a course of academic ethics before graduation. Please refer to the requirement of the university.

備註3: 113學年度起入學之學生須依本校「學生資訊能力檢核辦法」規定，應於畢業前達成辦法內擇一資訊能力檢核認定項目，始得畢業。

Remark3: Students must comply with the provisions of the school's "Student Information Ability Assessment Measures" and must complete one of the information competency assessment and certification items in the regulations before graduation in order to graduate.

備註4: 技高預修課程或選修課程，最高可採計或抵免二專4學分。

Remark4: Vocational senior high school pre-college courses or elective courses may be counted toward, or used to waive, up to 4 credits in the two-year college program.