Courses Listed for Undergraduate Degree Program in Industrial Design, Chang Gung University
(for 2025 Acadimic year)

Required/Elective		classification	Course	一		Course	二			Course	三			Course	四	
				1st semester	2nd semester		1st semester	2nd semester	Summer Vaction		1st semester	2nd semester	Summer Vaction		1st semester	2nd semester
	Pro Course Required (27)	Materials and Processing	Workshop Practice	3		Internship(8 weeks)	4									
		Design Expression	Drawing	3		AI-Aided Industrial Design	3									
		3D modeling	Engineering Graphics	3												
			Computer-aided Industrial Design(CAID)		3											
		Interactive media	Computer Graphics	3												
			Foundations of Interactive Media Design		3											
		Design Thinking	Introduction to Design	1												
			Design Thinking(Inter-school)		1											
	Main Course Required (36)		Basic Design(Ⅰ)(Ⅱ)	3	3	Basic Industrial Design(Ⅰ)(Ⅱ)	4	4		Industrial Design(Ⅰ)(Ⅱ)	5	5		Senior Design Project(Ⅰ)(Ⅱ)	6	6
										Multidisciplinary Innovation Design	5					
										Healthcare Product Design		5				
General Management	Required		AI Language and the Industrial Applications		3											
	Elective		Practical English (1):Listening & Speaking		2	Practical English (II):Listening & Speaking	2			Platform Strategy		3				
			Practical English (1):Listening & Speaking		2	Practical English (II):Listening & Speaking	2									
						Green Economics		2								
	Dep.Course Elective	Design Common Elective	Presentation Techniques	3		Visual Interface Design	3			Intelligence and Innovation Design	3					
			Model Making		3	International Design Workshop Course (4 weeks)	2			Interaction Design		3				
						User Experience		3								
						Design Methods		3								
		Industrial Design				Human Factors	3			Manufacture Process	3					
						Basis of Three-dimensional Modeling	3									
						Design Psychology		3								
		Healthcare Design				Introduction to Medicien Design	2			Design for welfare	3					
						Innovative assistive technology designs		2								
		Cross-disciplinary Innovation Pioneer				Introduction to Multidisciplinary Innovation and Entrepreneurship	2			Maker Practice	3					
						Cross-disciplinary Innovation Pioneer Lectures		1		Product Design Analysis	3					
						Hardware and Software Design		3								
		Design Management								Design Management	3					
										Consumer Behavior and Design		3				
										Design Survey		3				

		others	Photography	3		Business Photography	3			Breaking the Design Quagmire: Sustainable Thinking & AI Innovation Practice	3					
			Digital Design Aesthetics	3		Printmaking Workshop	3			Transportation Design		3				
			Jewel Design		3	Portfolio Design	3			Social Design		3				
Summer Vacation Course						Introduction of Digital Content Industry			0.5	Digital Content Practice			6			
						Application of Digital Content Industry			6	3D Animation Design			3			
						Storyboarding			3	3D Character Design			3			
						Illustration			3							
Remark			1.Graduation Requirements: 128 credits. (1) Mandatory Courses: 63 credits, including 27 credits of professional required courses, 36 credits of core required courses (choose one from the core required courses in the third year). (2) College of Management AI Application Requirement: 3 credits. (3) Elective Courses: 38credits, to be completed within four years. A. Departmental Electives: At least 18 credits, with the option to choose courses across different academic years. B. Electives from Other Departments: Maximum of 20 credits (General Education courses, maximum of 4 credits; physical education and national defense education/military training courses are not included). C. Department-specific elective courses may be subject to modification based on grade level or other considerations, as approved by the department. (4) General Education Credits: Please refer to the regulations of the General Education Center. Holistic Education, English, Core, and Diverse－Computational Thinking Courses: 25 credits in total. Among them, the mandatory College of Management co-constructed course "Artificial Intelligence Language and Industrial Applications" exempts 1 credit from the Diverse－Computational Thinking area course "Introduction to Artificial Intelligence," resulting in a total of 24 credits. 2.Physical Education: Mandatory for first and second-year students (0 credits); optional for third and fourth-year students (not counted towards total graduation credits). 3.English Graduation Requirement: The university has established English proficiency standards for graduation; please refer to the Language Center's regulations. 4.Third-year core required courses are aligned with the distinctive program, offering two courses each semester, from which students can choose one. 5.Summer Program Course Guidelines: (1) Completion of ""Digital Content Industry Practices (1)"" is a prerequisite for taking ""Digital Content Industry Practices (2)."" (2) Completion of a minimum of 18.5 credits of courses. (3) Successful completion of this program, meeting the department's total graduation credit requirements, allows for early graduation application. 6.Physical Education: Mandatory for first and second-year students, optional for third and fourth-year students, with no credits counted towards total graduation credits."														

Signature of the dean of the department：_____ Date:October 14, 2025