

中信科技大學 四年制 飛機修護系 課程規劃表(適用113學年度入學)
 CTBC University of Science and Technology Curriculum of Aircraft Maintenance Department
 for Four-Year Bachelor's Degree Program-Day Division (Effective from Fall 2024)

科目名稱 Subject			第一學年 1st school year				第二學年 2nd school year				第三學年 3rd school year				第四學年 4th school year			
			上學期 1st semester		下學期 2nd semester		上學期 1st semester		下學期 2nd semester		上學期 1st semester		下學期 2nd semester		上學期 1st semester		下學期 2nd semester	
			學分 Credits	時數 Hours	學分 Credits	時數 Hours	學分 Credits	時數 Hours	學分 Credits	時數 Hours	學分 Credits	時數 Hours	學分 Credits	時數 Hours	學分 Credits	時數 Hours	學分 Credits	時數 Hours
校訂課程 Stipulated Courses	通識基礎必修 Required General Education Courses	中文閱讀與表達(1)(2) Chinese Reading and Expression(1)(2)	2/	2	2/	2												
		英文聽力與閱讀(1)(2) English Listening and Reading(1)(2)	2/	2	2/	2												
		服務教育與大學社會責任(1)(2) Service Education and University Social Responsibility (1)(2)	1/	1	1/	1												
		體育(1)(2)(3) Physical Education(1)(2)(3)	2/	2	2/	2	2/	2										
		多元語言 Multilingual Learning					2/	2										
		小 計Subtotal	7/	7	7/	7	4/	4	0/	0	0/	0	0/	0	0/	0	0/	0
	通識博雅必修 Required Liberal Arts Courses	健康與生活 Health and Life	2/	2	2/	2												
		創意思考與訓練 Creative Thinking and Training			2/	2												
		博雅與跨域學習(1) Liberal Arts and Interdisciplinary Learning (1)					2/	2										
		資訊與智慧生活 Information and Smart Life					2/	2										
		生命與永續 Life and Sustainability							2/	2	2/	2						
		人文與社會 Humanities and Social Sciences									2/	2						
		藝術與美感 Art and Aesthetics											2/	2				
		小 計Subtotal	2/	2	4/	4	4/	4	2/	2	4/	4	2/	2	0/	0	0/	0
	一般選修 General Elective Courses	全民國防教育軍事訓練(1)(2)(3)(4) National Defense Education and Military Training (1)(2)(3)(4)	2/	2	2/	2	2/	2	2/	2								
		博雅與跨域學習(2)(3)(4)(5) Liberal Arts and Interdisciplinary Learning(2)(3)(4)(5)							2/	2	2/	2	2/	2	2/	2		
		小 計Subtotal	2/	2	2/	2	2/	2	4/	4	2/	2	2/	2	2/	2	0/	0
專業必修課程	院必修課程 Required College Courses	數學演練習作 Math Drills	2/	2														
		生活物理 Life Physics	2/	2														
		電腦軟體應用 Computer Software Application			2/	2												
		職場倫理 Employment Ethics			2/	2												
		創意實作 Innovations and Implementations					2/	2										
		半導體概論 Introduction of Semiconductor					2/	2										
		簡報製作與表達 Presentation and Expression							2/	2								
		小 計	4/	4	4/	4	4/	4	2/	2	0/	0	0/	0	0/	0	0/	0
		航太工程概論 Introduction of Aeronautical Engineering	2/	2														

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Professional Required Courses	系必修 課程 Required Department Courses	基礎航空英文 Fundamental Aviation English	2/	2														
		工程力學 Engineering Mechanics	2/	2														
		飛機維修實習 Aircraft Maintenance Practice			4/	4												
		飛機維修進階實習 Advanced Practice in Aircraft Maintenance					4/	4										
		航空發動機 Aircraft Engine					2/	2										
		機體結構實習 Airframe Structure Practicum							4/	4								
		發動機拆裝實習(1)(2) Aircraft Engine Disassembly Practice(1)(2)							2/	2	2/	2						
		實務專題(1)(2)(3)(4) Project(1)(2)(3)(4)					2/	2	2/	2	2/	2	2/	2				
		小 計Subtotal	6/	6	4/	4	8/	8	8/	8	4/	4	2/	2	0/	0	0/	0
系專業選修 課程 Professional Elective Courses		微積分 Calculus	2/	2														
		航空基礎實習 Foundamental Aviation Practice	2/	2														
		初級航空英文 Elementary English for Aviation			2/	2												
		中級航空英文 Intermediate Aviation English					2/	2										
		機械加工與實習 Mechanical Processing and Internship					2/	2										
		無人機概論 Introduction of Unmanned Aerial Vehicle					2/	2										
		流體力學 Fluid Mechanics							2/	2								
		電腦輔助工程分析概論 Introduction to Computer Aided Engineering Analysis							4/	4								
		高級航空英文 Advanced Aviation English							2/	2								
		無人機空拍考照與實務 Aerial Photo and Practice by UAV							2/	2								
		飛機系統與實習 Aircraft System and Practices									2/	2						
		飛機結構 Aircraft Structures									2/	2						
		飛航維護專業英文實務 English on Aviation Maintenance in Practice									2/	2						
		綠色能源與無人飛行載具 Green Energy and Drones									2/	2						
		人因工程 Human Factors Engineering											2/	2				
		複合材料製造技術與應用 Manufacturing Technology and Application of Composite Material											2/	2				
		航空旅運專業英文實務 Aviation Transportation English											2/	2				

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	專利與工程創新 Patents and Engineering Innoviation													2/ 2			
	可程式控制與實習 Programmable Logic Controller Practice													4/ 4			
	航空品保與驗證 Aviation Quality Assurance and Certification													2/ 2			
	基礎噴射推進學 Basic Jet Propulsion													2/ 2			
	學期校外實習 Off-Campus Internship													9/			
	產業校外實習 Industrial Off-Campus Internship															9/	
	機電整合與實習 Practice of Mechatronics															4/ 4	
	航空遙測 Aerial Telemetry															2/ 2	
	無人飛行載具維修與實習 Drone Maintenance and Practice															2/ 2	
	校內實習(1)(2)(3)(4)(5)(6) On-campus internship(1)(2)(3)(4)(5)(6)					2/ 2		2/ 2		2/ 2		2/ 2		2/ 2		2/ 2	
	小 計Subtotal	4/ 4		2/ 2		8/ 8		12/ 12		10/ 10		8/ 8		21/ 12		19/ 10	
擬開最低專業選修學分 Proposed Minimum Elective Credits	合 計Total	4/ 4		2/ 2		4/ 4		6/ 6		4/ 4		6/ 6		10/ 10		10/ 10	
	113年07月30日 校課程發展委員會會議通過Amended Date：2024-07-30 114年01月07日 校課程發展委員會會議修正通過更改校名Amended Date：2025-01-07 114年 07月08日 校課程發展委員會會議修正通過Amended Date：2025-07-08																

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	學分 Credits	時數 Hours	學分 Credits	時數 Hours	學分 Credits	時數 Hours	學分 Credits	時數 Hours	學分 Credits	時數 Hours	學分 Credits	時數 Hours	學分 Credits	時數 Hours	學分 Credits	時數 Hours
備註 Note	一、畢業總學分至少128學分： The total number of credits completed to be eligible to graduate shall not be less than 128 credits.															
	1.校訂必修36學分(含通識基礎必修18學分、通識博雅必修18學分)。 The stipulated compulsory credits shall be 36 credits.(18 credits for required general education courses, and 18 credits for required liberal arts courses.)															
	2.專業必修46學分(院必修14學分、系必修32學分)。 The professional compulsory credits shall be 46 credits.(14 credits for required college courses, and 32 credits for required department courses.)															
	3.系專業選修至少34學分。 The professional elective credits shall be not less than 34 credits.															
	4.跨系選修至多12學分。 The number of inter-department elective credits shall be up to 12 credits.															
	※「微學分課程」最多採計12學分。 The number of 'Micro-Credit Courses' credits shall be up to 12credits.															
	二、畢業門檻 Graduation Threshold： 1.學生於修業年限內，應修畢「校訂必修」、「專業必修」、「系專業選修」、「跨系選修」共計128學分。 Students are required to complete a total of 128 credits of " Stipulated Compulsory Course", "Professional Compulsory Course", "Department Professional Elective Course", and "Inter-College Elective Courses " within their academic years.															
	2.系專業能力門檻(依中信科技大學飛機修護系畢業門檻實施要點辦理)。 Department Professional Threshold (CTBC University of Science and Technology Regulations of Graduation Threshold of Aircraft Maintenance Department)															
	3.英文能力門檻(依中信科技大學輔導學生取得英檢證照實施辦法辦理)。 English Proficiency Threshold (CTBC University of Science and Technology Regulations of Tutoring Students to Get English Proficiency Certificates)															
	三、校訂課程 Stipulated Courses： 1.校訂課程不須依先後順序修課，不得互抵者，包括「中文閱讀與表達(1)(2)、英文聽力與閱讀(1)(2)、體育(1)(2)(3)」課程。 Stipulated courses are not required to be taken in sequence and the credits shall not be mutually transferred, including 「 Chinese Reading and Expression(1)(2), English listening and reading (1)(2), and physical education (1)(2)(3) 」 courses.															
	2.校訂課程不須依先後順序修課，得互抵者，包括「服務教育與大學社會責任(1)(2)」、「博雅與跨域學習(1)(2)(3)(4)(5)」課程。 Stipulated courses are not required to be taken in sequence and the credits shall be mutually transferred, including "Service Education and University Social Responsibility (1) (2)" and "Liberal Arts and Interdisciplinary Learning (1)(2)(3)(4)(5)".															
	3.校訂課程不須依先後順序修課，包括「全民國防教育軍事訓練(1)(2)(3)(4)」課程。 Stipulated courses are not required to be taken in sequence, including National Defense Education (1)(2)(3)(4).															
	四、專業課程 Professional Courses： 1.「實務專題(1)(2)(3)(4)」課程應依先後順序修課，得互抵。 Project(1)(2)(3)(4)shall be taken in sequence and may complement each other.															
	2.「發動機拆裝實習(1)(2)」課程應依先後順序修課，不得互抵。 Aircraft Engine Disassembly Practice(1)(2) shall be taken in sequence and the credits shall not be mutually transferred.															