臺北城市科技大學四年制日間部機械工程系(車輛組)課程規劃表(114學年度人學適用)

重り続いる「ロール」に同じに関いています。 TPCU four-year Undergraduate Program Day School Department of Mechanical Engineering/Division of Vehicle Engineering Curriculum Planning(applicable to 114 semester year adimssion)

114年03月17日-113學年度第2學兩第2次系課任發展委員會審 114年03月17日-113學年度第2學期第1次院課程發展委員會審 114年04日08日-113陽年度第2陽期於釋釈發展委員會審

114年04月08日-113學年度第2學期校課程發展委員會審修 25-03-11 113 academic year 2nd semester 2nd committee of department curriculum development revised 2025-03-17 113 academic year 2nd semester 1st committee of college curriculum development revised

			第一學年 1st semester year			1		第二學年 2nd semester year				第三學年 3rd semester year				2025-03-17 113 academic year 2nd semester 1st committee 2025-04-08 113 academic year 2nd semester committee	e of college curriculum development reviewed e of school curriculum development reviewed 第四學年 4th semester year			
類別 category	科目名稱 subject name	上學期 下學 fall spri			學期 ring	subject name		學期 all	下鸟 spr	B期 ing	科目名稱 subject name	上 ⁱ fa	學期 all	下 ^a spi	學期 ring	科目名稱 subject name	上号 fa	B期 III	下 ^集 spr	學期 ring
		學分 credit		學分 credit	時數 hour	施·尔/一、	學分 credit	時數 hour	學分 credit	時數 hour		學分 credit	時數 hour	學分 credit	時數 hour		學分 credit	時數 hour	學分 credit	
基礎通識 basic general education	中文閱讀與寫作 Chinese Reading and Writing	2	2			體育(三) Physical Education(III)	2	2												
	共同外語(一) Common Foreign Language (I)			2	2	共同外語(二)(三) Common Foreign Language(II)(III)	2	2	2	2										
	體育(一) Physical Education (I)	2	2																	
	體育(二)-高爾夫 Physical Education II: Golf			2	2															
	小計 subtotal	4	4	4	4	小計 subtotal	4	4	2	2	小計 subtotal	0	0	0	0	小計 subtotal	0	0	0	0
	類別學分小計 category credits subtotal										14									
	1.共同外語課程需修滿6學分·學生於修課前即可選擇「英語」或「日語」為外語課程。 1. Common foreign language courses require 6 credits. Students can choose "English" or "Japanese" as the foreign language course before taking the course.																			
	2.選定語言後·不可異動。 2. Once the language is selected, it o	annot	be cha	nged.							_									
職用通識 career application	職場應用文 Workplace Applied Chinese			2	2	法律與生活 Law and Life			2	2										
	社會責任實踐(一)(二) Social Responsibility Practice (I) (II)	0	1	0	1															
	職場禮儀與口語表達 Workplace Etiquette and Oral	2	2																	
general education	Communication 小計 subtotal	2	3	2	3	小計 subtotal	0	0	2	2	小計 subtotal	0	0	0	0	小計 subtotal	0	0	0	0
	類別學分小計					Subtotul					6					Subtotul				
	category credits subtotal 1. 「多元機関,由導興教育中心訂定預票課程・預期後列出應期修之人文藝術領域、自然科技領域及社會科學領域三類之應開課程後,每一領域至多期修4學分,共計8學分之課程・																			
多元通識	1. The General Education Center would offer "Multiple General Education" courses selection for students to choose from. After the advance selection, the General Education center would list courses in the following three categories (domains): Arts and Humanities, Natural Technologies and Social Science. Students are to choose at most 4 credits from each category (domain), with the total of 8 credits. 2. 通識教育中心所公布高层,本、學程所提供之種的課程。亦可永認為通典修課程。唯學生雖修所辞職之院。本及學程提供之課程。則不予承認・															ll not				
multiple general education	2. Supplementary courses provided by various colleges, departments, and programs announced by the General Education Center can also be recognized as general elective courses. However, students taking elective courses provided by the colleges, departments, and programs to which they are affiliated will not be recognized. 3. "名人講座』 佛時預別類修課程,可承認為「多元講職課程」中任一領域課程,以一次為限・																			
	類別學分小計 category credits subtotal																			
院訂必修 compulsory	工程通識 Engineering General Education	2	2			科技應用 Application of Science and Technology			2	2	職涯講堂 Occupation Career Lecture	2	2			工程產業講座 Engineering Industry Seminar			2	2
						3														
courses required by the college	小計 subtotal	2	2	0	0	小計 subtotal	0	0	2	2	小計 subtotal	2	2	0	0	小計 subtotal	0	0	2	2
the college	類別學分小計					Subtotal					8					Subtotal				
專業必修 required for majors	category credits subtotal 電腦軟體應用	3	3			工程材料與應用	3	3			工程術語導讀(一)	2	2							
	Computer Software Applications 工程概論		3			Engineering Materials and Applications 基礎電學與實習	3				English for Engineering Terminology (I) 電腦輔助設計									
	Introduction to Engineering 機械製圖	3				Basic Electricity and Practice 電腦輔助立體繪圖		3			Computer Aided Design 實務專題(一)	3	3							
	Mechanical Drawing 電腦輔助繪圖	2	3			Computer Aided 3D Model Drafting 液氣壓控制與實習	2	3			Practical Project (I) 實務專題(二)	2	3							\vdash
	Computer Aided Drawing			2	3	Fluid Pressure Control and Internships			2	3	Practical Project (II) 工程術語導讀(二)			2	3					
	應用力學 Applied Mechanics 機械創意思考與設計			2	2	材料力學 Mechanics of Materials	2	2			English for Engineering Terminology (II)			2	2					
	Creative Thinking and Mechanical Design			3	3	焊接實務 Welding Practice	3	3			熱流學與實驗 Thermo-Fluid Science and Experiment			2	3					
	機車動力檢修實習 Motorcycle Power Inspection and Repair			3	3	應用電子學與實習 Application of Electronics Lab.			2	3	專利申請與撰寫 Patent Application and Writing	2	3							
						機械設計 Mechanical Design			3	3	機構設計模擬 Mechanical Design Simulation			3	3					
						微電腦概論與實習 Introduction of Microcomputer and its Practices			2	3										
	小計 subtotal	8	9	10	11	小計 subtotal	13	14	9	12	小計 subtotal	9	11	9	11	小計 subtotal	0	0	0	0
	類別學分小計 category credits subtotal										58									
	車輛安全概論 Automobile Safety Devices			2	2	車輛懸吊系統 Automotive Suspension System	3	3			3D列印與實習 3D printing and practice	3	3			軌道車輛實務學	3	3		
專業選修 professiona l electives	工程數學			2	2	熱力學	2	2			汽車市場行銷與企劃 Automotive Marketing and	2	2			校外實習(-)	9	*		
	Engineering Mathematics 車輛工程與實務			2	2	Introduction to Thermodynamics 視窗程式設計	3	3			Planning 顧客抱怨處理技巧			2	2	Off-campus Internship (I) 車輛設計	3	3		
	Vehicle Engineering Actual Affairs 汽機車原理 Principles of automobiles and	2	2			Windows Programming Design 自動變速箱原理	2	2			Dealing with a Customer Complaint 焊接工程與實習 Welding Engineering and	3	3			Vehicle Design 潔淨車輔概論	3	3		
	Jocomotives 內燃機	2	2			Principle of Automatic Transaxles 引擎系統	2	2			Internship 車輛經營與管理實務		3	2	2	Introduction to Vehicle Cleaning 校外實習(二)	3		9	
	Internal Combustion Engine 品質管制					Engine System 材料實驗	2	- 2			Vehicle Operation and Management Practices 校外實習(暑)			2		Off-campus Internship (II) 軌道機電系統				
	Quality Control 機電科技應用	3	3			Materials Experiments 電動車新式科技			3	3	Off-campus Internship (Summer) 引擎電路控制			3		Electrical and Mechanical System of Railway 車輛鑑賞			3	3
	Electromechanical Technology Application	3	3			Electric Vehicle New Technology 智慧車輛實務	3	3			Engine Control System	3	3			Vehicle Appreciation 現代車輛技術			2	2
						Intelligent Vehicle Practice	2	2			電動車馬達測試與實習 Electric Vehicle motor Test and Practice			3	3	Modern Automotive Technology			3	3
						油電車概論 Hybrid Electric Vehicle Introduction	2	2			車輛感測學 Vehicle Sensing Science	2	2			車身鈑金與塗裝 Auto Body Repairs & Painting 電動車電腦控制與實習			2	2
						電動車電路控制 Electric Car Circuit Control			3	3	車輛專業實務 Vehicle Professional Practice			3	3	Electric Car Computer Control and Practice	3	3		
						電動車檢測及維修 Electric Car Examination and Service			2	2	綠能車輛技術 Green Electric Vehicles	2	2			電動車電池技術實務 Electric Vehicle Battery Technology Practice	3	3		
						進階焊接實務 Welding Practice			3	3	汽機車體結構實務 Automotive Body Design			2	3	生產自動化技術 Production Automation Technology	3	3		
						計算機程式 Computer Programming			3	3	汽機車綜合檢修實習 Internship in Comprehensive Maintenance of Automobile and			2	3					L
						底盤結構實務 Chassis Structure Practice			3	3	中古車鑑定與實務 Used Car Appraisal and Evaluation	3	3							
						電腦輔助立體繪圖 Computer Aided 3D Model Drafting			3	3	空氣動力學	2	2							
						Drafting					微電腦控制 Microcomputer Control			3	3					
											燃料電池技術 Fuel Cell Technology			3	3					
											熱傳學			2	2					
	小計 subtotal	10	10	6	6	小計 subtotal	19	19	20	20	Heat Transfer 小計 subtotal	20	20	25	24	小計 subtotal	27	18	19	10
	類別學分小計 category credits subtotal					Subtotal					146					Subtotal				
	基礎通識basic general education: 1	4																		
備註 remark	職用通識career application general e	ducati	on : 6																	
	多元通識multiple general education	Courses not offered by this department	t can be	taken a	s electiv	ves at e		ust be s	ubmitte	d befor	e cours	e selection. Only after approval can they b	e includ	ded in t	ne elect	ive				
	院訂必修compulsory courses required by the college: 8					◎本校日間部四年制學生・除依本校學則規◎Four-year day school students of our so	定修滿原 chool, ir	態修之學 n additio	分外·並 on to co	應符合 mpletin	ch department shall be used as the standa 相關外語能力、專業實務技能規定之條件使 ng the required credits in accordance with	得畢業				admitted as the upper limit. Itions, must also meet the requirements o	f relevar	nt foreig	ın langı	uage
	專業必修required for majors: 63					proficiency and professional practical sk	iris in or	uer to g	raduate											
	專業選修Professional electives: 29																			
	畢業最低學分數minimum credits for	grauliā	Juon :	120																