

吳鳳科技大學 日間部 日四技 車輛工程系 國際學生產學合作專班課程表 (113學年度入學學生適用)
The Curriculum Framework for the Four-Year Bachelor in Department of Day Department, Department of Vehicle Technology and Entrepreneurship For Special Class for International Student Production-Academia Cooperation at WuFeng University for the 113 Academic Year

科目類別 (Categories of Courses)	第一學年(First Academic Year)						第二學年(Second Academic Year)						第三學年(Third Academic Year)						第四學年(Forth Academic Year)						小計 subtotal		
	上(First Semester)			下(Second Semester)			上(First Semester)			下(Second Semester)			上(First Semester)			下(Second Semester)			上(First Semester)			下(Second Semester)			學分 Credit	時數 Hour	
	科目 Course Title	學分 Credit	時數 Hour	科目 Course Title	學分 Credit	時數 Hour	科目 Course Title	學分 Credit	時數 Hour	科目 Course Title	學分 Credit	時數 Hour	科目 Course Title	學分 Credit	時數 Hour	科目 Course Title	學分 Credit	時數 Hour	科目 Course Title	學分 Credit	時數 Hour	科目 Course Title	學分 Credit	時數 Hour			
基本素養 (Basic Literacy)	基礎華語(一)/Basic Chinese(I)	5	10	基礎華語(二)/Basic Chinese(II)	3	3	實用華語(一)/Practical Chinese(I)	2	2	實用華語(二)/Practical Chinese(II)	2	2															
	生活華語/Daily Life Chinese	3	3	台灣歷史與文化/Taiwanese History and Culture	3	3																					
				人文素養/Humanistic quality	2	2																					
	小計/subtotal	8	13		8	8		2	2		2	2			0	0		0	0		0	0		0	0	20	25
系專業必修 (Courses required by the department)	引擎檢修實務/Engine Maintenance	3	3	底盤檢修實務/Vehicle Chassis Service and repair	3	3	電腦立體繪圖(一)*3D Computer Drafting(I)	3	3	電腦立體繪圖(二)*3D Computer-Aided Drafting (II)	3	3	產學實務實習(三)/Practical production Practice(III)	6	6	產學實務實習(四)/Practical production Practice(IV)	6	6	產學實務實習(五)/Practical production Practice(V)	6	6	汽車空調檢修實務/CAR air conditioning maintenance practice	3	3			
	微積分/Calculus	3	3	車輛電學實務/Vehicle Electricity Practice	3	3	自動變速箱原理與實務/Drive Mechanism Practice	3	3	柴油引擎檢修實務/Diesel engines overhaul	3	3	車輛診斷及控制實務/Vehicle Diagnosis and Control Practice	3	3	車輛綜合檢修實務/Comprehensive vehicle maintenance practice	3	3	機車檢修實務/Locomotive maintenance practice	3	3						
	工業安全與衛生/Industrial Safety and Health	3	3	車輛工程概論/Introduction to Vehicle Engineering	3	3	創意概論與智財權/Introduction to creativity and intellectual property	2	2	人力資源管理/Human Resources Management	2	2															
	小計/subtotal	9	9		9	9		8	8		8	8			9	9		9	9		9	9			3	3	64
必修小計/Subtotal, Compulsory	17	22		17	17		10	10		10	10			9	9		9	9		9	9			3	3	84	89
專業選修 (Elective courses of the department)				電動車原理概論/Introduction to the principles of electric vehicles	3	3	產學實務實習(一)/Practical production Practice(I)	6	6	產學實務實習(二)/Practical production Practice(II)	6	6	電腦輔助工程設計(一)/Computer Aided Engineering Design(1)	3	3	電腦輔助工程設計(二)/Computer Aided Engineering Design(2)	3	3	電動車智慧化概念/Intelligent concept of electric vehicles	3	3	產學實務實習(六)/Practical production Practice(VI)	6	6			
				車輛元件設計概論/Introduction to Vehicle Component Design	3	3	熱力學/Thermodynamics	3	3	電機學原理/Principles of Electromechanics	3	3	邏輯概念與程式設計/Logical concept and programming	3	3	車輛網概論/Introduction to Internet of Vehicles	3	3	焊接技術及實務/Welding technology and practice	3	3	逆向工程與快速原型/Reverse Engineering and Rapid Prototyping	3	3			
				綠色能源概論/Introduction to Green Energy	3	3	先進車輛技術/advanced	3	3	車輛行銷實務/Vehicle marketing practice	2	2	零件庫房流程管理/Parts warehouse Process management	2	2	車廠營運及管理/Depot operation and management	2	2	車輛視覺辨識實務/Vehicle visual interpretation practice	3	3						
												人工智慧應用/Artificial	3	3	影像辨識技術/Image Recognition Technology	3	3	車輛測試與實驗/Vehicle Testing and Experiments	3	3	車輛元件製造/Vehicle component manufacturing	3	3				
																					車輛品質管理/Vehicle Quality Management	2	2				
該學期至少需選修學分/學時 minimum elective credits required for the semester				6	6		6	6		6	6		5	5		5	5		5	5			11	11	44	44	
學分/學時小計 Subtotal, Credits/Hour	17	22		23	23		16	16		16	16		14	14		14	14		14	14			14	14	128	133	
畢業最低學分/學時 Total Number of Required Credit/Hour																									128	133	

備註/Notes:

一、校基本要求/Basic requirements of the university: 資訊能力門檻: 學生至少通過一種資訊基本能力認證測驗/ Information ability threshold: students have passed at least one information basic ability certification test

二、系所基本要求/Basic requirements of the department:

1. 畢業學分數要求: 至少需取得128學分方可畢業, 其中包括: (1)基本素養 (2)專業必修 (3)專業選修課程

1. Graduation credit requirements: At least 128 credits, including: (1) Basic Literacy (2) Professional compulsory subjects (3) Professional elective courses

2. 各年級各學期修習學分數規定: (1)一~二年級: 16-25學分。(2)三年級: 14-25學分。(3)四年級: 9-25學分。

2.Regulations on the number of credits for each grade and semester: (1) From first to second year: 16-25 credits. (2) Third year: 14-25 credits, (3) Forth year: 9-25 credits.

3. 為符合「吳鳳科技大學新南向產學合作國際專班學生校外實習實施要點」規範, 校外實習課程6學分, 每週實習時數至多26小時。

3. In order to comply with the "Implementation Points of Off-campus Internship for Students of the New Southbound Industry-University Cooperation International Program of Wufeng University of Science and Technology", the off-campus internship course is 6 credits, and the weekly internship hours are at most 26 hours.

三、華語課根據教育部規範開設/The Chinese language course is offered in accordance with the regulations formulated by the Ministry of Education:

1. 第一學年第1學期至少5學分10學時。

1. In the first semester of the first academic year, at least 5 credits and 10 hours of Chinese language courses must be offered.

2. 第一學年第1學期另開設不具學分輔導課至少每週5學時。

2. In the first semester of the first academic year, an additional non-credit counseling course in the Chinese language must be offered for at least 5 hours per week.

3. 第一學年第二學期結束前須取得華語能力聽力與閱讀證照A2(基礎級)。

3. By the end of the second semester of the first academic year, students must obtain the Chinese language proficiency certificate for listening and reading at level A2 (basic level).

四、其他說明: *表為需使用電腦之課程。4. Other instructions: *The table indicates courses that require the use of computers.

五、訂(修)定歷程/ Booking (Revised) History:

113.08.07 車輛工程系113學年度第一學期第1次課程委員會通過; 113.08.12 安全工程學院113學年度第一學期第 1次課程委員會通過; 113.09.06 113學年度第一學期第1次校課程委員會通過。

113/8/07 Department of Vehicle Technology and Entrepreneurship 113academic year 1st semester, adopted by the 1 Curriculum Committee conference; 113/8/12 113 academic year 1nd semester, adopted by the 1 College of Safety Engineering Curriculum Committee; 113/9/06 113 academic year 1st semester, adopted by the 1st Curriculum Committee conference.