

黎明技術學院日間部四年制技術系車輛工程系 標準課程表

LEE–MING Institute of Technology, Day Division, Four–Year Technical Program, Department Vechicle Engineering, Standard Curriculum Framework

114學年度入學學生適用

Applicable to Students Enrolled in the Academic Year 114

113學年度第1學期第3次校課程發展委員會通過
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114學年度(一年級)						115學年度(二年級)						116學年度(三年級)						117學年度(四年級)						累計 Subtotal	
Academic Year 114(1st Academic Year)						Academic Year 115(2nd Academic Year)						Academic Year 116(3rd Academic Year)						Academic Year 117(4th Academic Year)							
類別 Category	科目 Subject	上學期 1st Sem.		下學期 2nd Sem.		科目 Subject	上學期 1st Sem.		下學期 2nd Sem.		科目 Subject	上學期 1st Sem.		下學期 2nd Sem.		科目 Subject	上學期 1st Sem.		下學期 2nd Sem.						
		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					
共同科目必修 Required General Courses	[00001485]體育一 Physical Education I	2	2			[00017754]實用英文 Practical English	2	2			□					□									
	[00017842]中文溝通表達 Chinese Communication and Expression	2	2			[00001414]英語會話 English Conversation	2	2			□					□									
	[00018259]電腦軟體應用 computer software application	2	2			[00017753]職場英文 workplace english			2	2	□					□									
	[00014042]邏輯運算思維 Logic and Computational Thinking			2	2	□					□					□									
	[00017843]中文閱讀賞析 Chinese Reading and Appreciation			2	2	□					□					□									
	[00001487]體育二 Physical Education II			2	2	□					□					□									
	小計 / Subtotal	6	6	6	6	小計 / Subtotal	4	4	2	2	小計 / Subtotal					小計 / Subtotal					18	18			
院訂(專業必修) College-Specific Required Courses	[00014604]職場倫理 Workplace Ethics	2	2			□					□					□									
	[00014605]產業論壇 Industry Forum	2	2			□					□					□									
小計 / Subtotal	4	4			小計 / Subtotal					小計 / Subtotal					小計 / Subtotal					4	4				
專業必修 Professional Required Courses	[00019568]智慧車輛概論 Concept of Smart Vehicles	3	3			[00000603]電機機械 Electrical Machinery	3	3			[00006278]車輛實務專題(1)* Vehicle Design Project I	3	3			□									
	[00018802]板金學與實習 Sheet metal and practice	3	3			[00018900]燃料電池概論 Introduction to fuel cells	3	3			[00006279]車輛實務專題(2)* Vehicle Design Project II			3	3	□									
	[00004103]能源應用概論 Introduction to Energy Applications			3	3	[00019570]車輛檢修與診斷實務 Vehicle inspection and diagnosis practice			3	3	□					□									
	[00019569]車輛感測技術 Technology OF Vehicle Sensing			3	3	[00019571]電池技術與管理 Technology and Management of Battery			3	3	□					□									
小計 / Subtotal	6	6	6	6	小計 / Subtotal	6	6	6	6	小計 / Subtotal	3	3	3	3	小計 / Subtotal					30	30				
專業選修 Elective Courses	[00011526]車輛維修實習(1) Vehicle maintenance practice I	3	3			[00010352]軌道車輛 Rail vehicle	3	3			[00019574]智慧車電實務 Practice of Smart Vehicle	3	3			[00010326]車輛診斷實務* Vehicle Diagnostic Practice	3	3							

	[00013757]工業安全 Industry safety	2	2			[00015506]車輛電子學 Vehicle Electronics	3	3			[00014073]智慧型車輛* Smart Vehicle	3	3			[00010355]整車試作實務* Vehicle trial practice	3	3				
	[00019125]電動車發展概述 Overview of electric vehicle development	1	1			[00013700]車聯網系統應用 Vehicle Internet systems application	3	3			[00019595]汽車美容實務 Car Detailing Practice	3	3			[00000617]機電整合實習 Mechatronic Lab.	3	3				
	[00017810]機車維修與檢驗(1) Motorcycle Maintenanceand Inspection I	3	3			[00010344]專案管理 Project Management	3	3			[00018801]車輛噴射引擎 Vehicle injection engine	3	3			[00019103]電動車整合工程師證照輔導 Electric vehicle integration engineer certification guidance	1	1				
	[00010588]品質管制 Quality Control			2	2	[00004082]車輛傳動系統 Vehicle Drive System			3	3	[00019594]電動車輛概論 Introduction to electric cars	3	3			[00010718]車廠佈置與管理 AAA	3	3				
	[00018790]車輛專業術語應用 Vehicle terminology application			2	2	[00019573]碳排放與ESG永續發展 Carbon emissions and ESG sustainable development			3	3	[00015559]行銷實務 Marketing practice	2	2			[00014074]學期校外實習(一)* Extracurricular Practice(1)	9	9				
	[00017811]機車維修與檢驗(2) Motorcycle Maintenanceand Inspection II			3	3	[00017812]車體板金與實習 Body sheet metal andinternship			3	3	[00004106]專利創作實務 practical patent writing	3	3			[00018246]汽車塗裝概論 Introduction to Automobile Painting			2	2		
	[00015560]創意美學概論 Introduction to Creative Aesthetics			2	2	[00010348]車輛肇事鑑定概論* Vehicle accident identification Introduction			3	3	[00012591]車輛傳動系統 Vehicle Drive System		2	3		[00014075]學期校外實習(二)* Extracurricular Practice(2)			9	9		
	[00019576]車輛維修實習(2) Vehicle Maintenance Particle(2)			3	3	[00019572]電動馬達與驅動控制實務 Electric Motor and Drive Control Practice			3	3	[00004094]車輛銷售與服務* Vehicle sales and service		3	3		[00010607]接待技巧實務 Reception skills and practice			3	3		
	[00019124]先進駕駛輔助系統概述 Advanced driver assistance systems overview			1	1	□					[00013702]油電混合車檢測實務* Gasoline hybrid vehicle testing		3	3		[00019102]汽車板金簡易塑型與估價 Simple shaping and valuation of automobile sheet metal			1	1		
	□					□					[00004077]車輛生產管理實務 Vehicle Production Management Practices		3	3		[00013691]車輛廢氣汙染與控制* Chēliàng fèiqì wūrǎn yǔ kòngzhì			3	3		
	□					□					□					[00004078]車輛空調* Vehicle Air Conditioning			3	3		
小計 / Subtotal		9	9	13	13	小計 / Subtotal	12	12	15	15	小計 / Subtotal	20	20	11	12	小計 / Subtotal	22	22	21	21	123	124
通識科目選修 General Education Elective Courses	[00001369]人文藝術類 Literature and Art Studies	2	2			[00001391]自然科學類 Natural Sciences Field	2	2			[00001369]人文藝術類 Literature and Art Studies	2	2			[00001391]自然科學類 Natural Sciences Field	2	2				
	[00001406]社會科學類 Sociology Studies	2	2			[00001382]生命教育類 Life Studies Field	2	2			[00001382]生命教育類 Life Studies Field	2	2			[00001369]人文藝術類 Literature and Art Studies	2	2				
	[00001391]自然科學類 Natural Sciences Field	2	2			[00001406]社會科學類 Sociology Studies	2	2			[00001406]社會科學類 Sociology Studies	2	2			[00001382]生命教育類 Life Studies Field	2	2				
	[00001382]生命教育類 Life Studies Field	2	2			[00001369]人文藝術類 Literature and Art Studies	2	2			[00001391]自然科學類 Natural Sciences Field	2	2			[00001406]社會科學類 Sociology Studies	2	2				

	[00001382]生命教育類 Life Studies Field			2	2	[00001391]自然科學類 Natural Sciences Field			2	2	[00001391]自然科學類 Natural Sciences Field			2	2	[00001382]生命教育類 Life Studies Field			2	2		
	[00001391]自然科學類 Natural Sciences Field			2	2	[00001369]人文藝術類 Literature and Art Studies			2	2	[00001406]社會科學類 Sociology Studies			2	2	[00001391]自然科學類 Natural Sciences Field			2	2		
	[00001406]社會科學類 Sociology Studies			2	2	[00001406]社會科學類 Sociology Studies			2	2	[00001369]人文藝術類 Literature and Art Studies			2	2	[00001369]人文藝術類 Literature and Art Studies			2	2		
	[00001369]人文藝術類 Literature and Art Studies			2	2	[00001382]生命教育類 Life Studies Field			2	2	[00001382]生命教育類 Life Studies Field			2	2	[00001406]社會科學類 Sociology Studies			2	2		
小計 / Subtotal		8	8	8	8	小計 / Subtotal	8	8	8	8	小計 / Subtotal	8	8	8	8	小計 / Subtotal	8	8	8	8	64	64
合計 / Total		33	33	33	33	合計 / Total	30	30	31	31	合計 / Total	31	31	22	23	合計 / Total	30	30	29	29	239	240
畢業門檻 / Graduation Requirements		1. 學生在校學習期間必須至少取得一張以上專業證照或加修二學分以上課程或取得本系研習36小時(含)研習證明 Students must obtain at least one professional certification or complete additional coursework of two credits or more during study period at school.																				
		2. 通過「校外英語文能力測驗」或「校內英語文能力檢定」。 Pass the "External English Proficiency Test" or the "Institutional English Proficiency Assessment". 3. 通識選修課程修滿10學分，四大領域每類至少需修2學分。 Complete at least 10 credits of General Education Elective Courses, Each of the four major areas requires at least 2 credits.																				
備註 / Remarks																						
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