

黎明技術學院進修部四年制技術系車輛工程系 標準課程表

LEE–MING Institute of Technology, Night Division, Four–Year Technical Program, Department of Vehicle 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
最後
Lastt

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	學分 Credits	時數 Hours					
共同科目必修 Required General Courses	[00001464]運動與生活 Sports and Life	2	2			[00017754]實用英文 Practical English	2	2			[00017845]人文藝術賞析 Humanities and Art Appreciation	2	2			0									
	[00017842]中文溝通表達 Chinese Communication and Expression	2	2			[00017844]現代公民與法治 Contemporary Citizenship and Law	2	2			[00017846]社會科學概論 Social Science Introduction	2	2			0									
	[00001465]運動與休閒 Sports and Leisure			2	2	[00014042]邏輯運算思維 Logic and Computational Thinking			2	2	[00017848]自然科學導論 Natural Science Introduction			2	2	0									
	[00017843]中文閱讀賞析 Chinese Reading and Appreciation			2	2	[00017753]職場英文 workplace english			2	2	[00017847]生命教育 Life Education			2	2	0									
小計 / Subtotal		4	4	4	4	小計 / Subtotal	4	4	4	4	小計 / Subtotal	4	4	4	4	小計 / Subtotal					24	24			
院訂(專業必修) College-Specific Required Professional Courses	[00014605]產業論壇 Industry Forum	2	2			0					0					0									
	[00014604]職場倫理 Workplace Ethics	2	2			0					0					0									
小計 / Subtotal		4	4			小計 / Subtotal					小計 / Subtotal					小計 / Subtotal					4	4			
專業必修 Professional Required Courses	[00010571]機車維修與檢驗(一) Motorcycle Maintenance and Inspection I	3	3			[00013895]車輛設計實務* Vehicle Design	3	3			[00004103]能源應用概論 Introduction to Energy Applications	3	3			[00011815]實務專題(一) Vechical	3	3							
	[00018901]機車維修與檢驗(二) Motorcycle maintenance and inspection II			2	2	[00010569]車輛工程與實習(二) Vehicle Engineering and Practice (II)	3	3			[00019571]電池技術與管理 Technology and Management of Battery	3	3			[00011816]實務專題(二) Vechical			3	3					
	[00010564]車輛工程與實習(一) Automation Industry Internship			3	3	[00020521]車輛感測技術 Technology OF Vehicle Sensing			2	2	[00018802]板金學與實習 Sheet metal and practice			3	3	0									
	0				[00011665]電動車輛概論 Introduction to electric cars			2	2	0					0										
小計 / Subtotal		3	3	5	5	小計 / Subtotal	6	6	4	4	小計 / Subtotal	6	6	3	3	小計 / Subtotal	3	3	3	3	33	33			
專業選修 Professional Elective Courses	[00016025]車輛工程概論 Introduction to Vehicle Engineering	3	3			[00015511]感測器與物聯網 Sensing Elements and Practice	2	2			[00010346]車輛網路系統概論 Vehicle Network System Introduction	3	3			[00015509]油電混合車檢測 Gasoline hybrid vehicle testing	2	2							
	[00011669]工程圖學 Engineering Graphics	3	3			[00013700]車輛聯網系統應用 Vehicle Internet systems application	3	3			[00011723]車輛肇事鑑定概論 Vehicle accident identification Introduction	3	3			[00010326]車輛診斷實務* Vehicle Diagnostic Practice	3	3							
	[00013179]車輛智慧安全系統	2	2			[00010581]工業安全與衛生	3	3			[00011673]車輛維修實習	3	3			[00010587]車輛生產管理	3	3							

	Vechical					AAA					Vehicle Engineering and Practice					實務 Vehicle Production Management Practices						
	[00015559]行銷實務 Marketing practice			2	2	[00016168]車輛傳動系統* Vehicle Drive System			3	3	[00004106]專利創作實務 practical patent writing		3	3		[00010583]軌道車輛 Rail vehicle	3	3				
	[00015560]創意美學概論 Introduction to Creative Aesthetics			2	2	[00015506]車輛電子學 Vehicle Electronics			3	3	[00010595]車輛銷售與服務 Vehicle sales and service			3	3	[00019573]碳排放與ESG永續發展 Carbon emissions and ESG sustainable development	3	3				
	[00018790]車輛專業術語應用 Vehicle terminology application			2	2	[00018897]潔淨動力系統特論 Special Topics in Clean Energy system			2	2	[00013180]汽車空調 Vechical			3	3	[00018217]車聯網應用實務 Internet of Vehicles Application Practice	2	2				
	[00013175]電動馬達原理與控制 Vechical			3	3	[00013761]經營管理 Management			2	2	[00013182]車輛元件設計分析 Vechical			3	3	[00015508]車輛電腦輔助設計 AA	3	3				
	[00018144]靜力學 Statics			3	3	[00003598]製造學 Manufacturing Engineering			2	2	[00010344]專案管理 Project Management			3	3	[00010588]品質管制 Quality Control	2	2				
	□					□					[00015510]機電整合實習 AA			3	3	[00010606]智慧車輛 Smart vehicle			3	3		
	□					□					□					[00004071]內燃機* Internal Combustion Engine			3	3		
	□					□					□					[00010613]車輛廢氣汙染與控制 Vehicle Exhaust Pollution and Control			3	3		
	□					□					□					[00010618]整車試作實務 Vehicle trial production practice			3	3		
	□					□					□					[00013189]車廠佈置與管理 Vechical			2	2		
	□					□					□					[00013188]接待技巧實務 Reception skills and practice			2	2		
小計 / Subtotal		8	8	12	12	小計 / Subtotal	8	8	12	12	小計 / Subtotal	12	12	15	15	小計 / Subtotal	21	21	16	16	104	104
合計 / Total		19	19	21	21	合計 / Total	18	18	20	20	合計 / Total	22	22	22	22	合計 / Total	24	24	19	19	165	165
畢業門檻 / Graduation Requirements																						
備註 / Remarks																						
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