

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																									
113學年度入學學生適用																									
Applicable to Students Enrolled in the Academic Year 113																									
112學年度第1學期第4次校課程發展委員會通過(1121220)																									
最後修改日期：LastUpdateDate:																									
113學年度(一年級) Academic Year 113(1st Academic Year)					114學年度(二年級) Academic Year 114(2nd Academic Year)					115學年度(三年級) Academic Year 115(3rd Academic Year)					116學年度(四年級) Academic Year 116(4th Academic Year)					累計 Subtotal		畢業 Graduation			
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	學分 Credits	時數 Hours					
共同科目 必修 General Courses	[00017842]中文溝通表達 Chinese Communication and Expression	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									
	[00001464]運動與生活 Sports and Life	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									
	[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									
	[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									
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	24	24	
院訂(專業必修) College-Specific Required Professional Courses	[00014604]職場倫理 Workplace Ethics	2	2			0					0					0									
	[00014605]產業論壇 Industry Forum	2	2			0					0					0									
小計 / Subtotal		4	4			小計 / Subtotal					小計 / Subtotal					小計 / Subtotal					4	4	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			[00011812]車輛設計實務(一) Vechical	3	3			[00018900]燃料電池概論 Introduction to fuel cells	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			[00011814]車輛控制實務(一) Vechical	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	[00011665]電動車輛概論 Introduction to electric cars			2	2	[00018802]板金學與實習 Sheet metal and practice			3	3	0									
	0				[00011663]潔淨動力系統特論 Special Topics in Clean Energy system			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	33	33	
專業選修 Professional Elective Courses	[00013700]車輛聯網系統應用 Vehicle Internet systems application	3	3			[00018798]動力學 dynamics	2	2			[00011673]車輛維修實習 Vehicle Engineering and Practice	3	3			[00011675]車輛診斷實務 Vehicle Diagnostic Practice	3	3							
	[00011669]工程圖學 Engineering Graphics	3	3			[00003598]製造學 Manufacturing Engineering	2	2			[00010585]車輛肇事鑑定概論 Vehicle accident	3	3			[00018218]車載微電腦應用實務 Vehicle-mounted microcomputer	3	3							

										identification Introduction						application practice															
[00013179]車輛智慧安全系統 Vechical	2	2			[00015511]感測器與物聯網 Sensing Elements and Practice	2	2			[00010580]車輛網路系統概論 AAA	3	3				[00015508]車輛電腦輔助設計 AA	3	3													
[00018790]車輛專業術語應用 Vehicle terminology application	2	2			[00011672]工業安全與衛生 000	2	2			[00015619]能源應用 Energy Applications	3	3				[00011585]熱傳學與實習 000	3	3													
[00015559]行銷實務 Marketing practice			2	2	[00015511]感測器與物聯網 Sensing Elements and Practice			2	2	[00013182]車輛元件設計分析 Vechical				3	3	[00010587]車輛生產管理實務 Vehicle Production Management Practices	3	3													
[00015560]創意美學概論 Introduction to Creative Aesthetics			2	2	[00018216]微型二輪平衡車基礎與應用 Basics and application of miniature two-wheel balance car				2	2	[00015507]專利創作實務 practical patent writing				3	3	[00010583]軌道車輛 Rail vehicle	3	3												
[00013175]電動馬達原理與控制 Vechical			3	3	[00010588]品質管制 Quality Control				2	2	[00010595]車輛銷售與服務 Vehicle sales and service				3	3	[00018799]熱力學 Thermodynamics	2	2												
[00018144]靜力學 Statics			3	3	[00013762]經營管理 Management				2	2	[00010579]專案管理 Project Management				3	3	[00015509]油電混合車檢測 Gasoline hybrid vehicle testing	2	2												
[]					[00011670]電腦輔助立體製圖 Computer-Assisted 3D Graphing				3	3	[00013180]汽車空調 Vechical				3	3	[00018217]車聯網應用實務 Internet of Vehicles Application Practice	2	2												
[]					[00015506]車輛電子學 Vehicle Electronics				3	3	[00011674]內燃機 000				3	3	[00013189]車廠佈置與管理 Vechical			2	2										
[]					[00015505]車輛傳動系統 Vehicle Drive System				3	3	[]						[00013188]接待技巧實務 Reception skills and practice			2	2										
[]					[00011671]液氣壓學與實習 Pneumatic and Hydraulic Systems & Control and Lab				3	3	[]						[00010594]奈米科技概論 Introduction to Nanotechnology			2	2										
[]					[]						[]						[00015510]機電整合實習 AA			3	3										
[]					[]						[]						[00010618]整車試作實務 Vehicle trial production practice			3	3										
[]					[]						[]						[00010613]車輛廢氣汙染與控制 Vehicle Exhaust Pollution and Control			3	3										
[]					[]						[]						[00013186]電腦輔助車輛機構分析 Vechical			3	3										
[]					[]						[]						[00010606]智慧車輛 Smart vehicle			3	3										
小計 / Subtotal		10	10	10	10	小計 / Subtotal		8	8	20	20	小計 / Subtotal		12	12	18	18	小計 / Subtotal		24	24	21	21	123	123	67	67				
合計 / Total		21	21	19	19	合計 / Total		18	18	28	28	合計 / Total		22	22	25	25	合計 / Total		27	27	24	24	184	184	128	128				
畢業門檻 / Graduation Requirements																															
備註 / Remarks																															
列印				列印日期2025/08/11 09:48:24 PrintDate: 2025/08/11 09:48:24																											