遠東科技大學 四年制 電機工程系 進修部 課程規劃表(適用112學年度入學)

Far East University Curriculum of Electrical Engineering Department for Four-Year Bachelor's Degree Program
-Night Division (Effective from Fall 2023)

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Subject			科 日 名 稱									
변경 등												
製文(1/2) Chinises (1/2)				學分 時數	學分 時數							
Chinese (1) (2)			- 400	Credits Hours	Credits Hours							
接受				2/ 2	2/ 2							
接着				2/2	2/2							
한 및 변경 영報점 (1)(2)(3)(4)(5)		共 问必 修課程		21 2	21 2							
### ###	課程		Physical Education (1)(2)(3)(4)	2/ 2	2/ 2	2/ 2	2/ 2					
Part						2/ 2						
### Practice 建筑深程(1)(2)(3)(4)(5) General Studies(1)(2)(3)(4)(5) General Studies(1)(2)(4)(4) General Studies(1)(2)(4) General Studies(1)(4) General Studies(1)(4) General Studies(1)(4) General Studi												
Practice							2/ 2					
General Studies(1)(2)(3)(4)(5)												
General Studies(1)(2)(3)(4)(5)						2/ 2	2/ 2	2/ 2	2/ 2	2/ 2		
機能分 Calculus											0/0	
Calculus				6/ 6	6/ 6	6/ 6	6/ 6	2/ 2	2/ 2	2/ 2	0/ 0	
Physics 15				3/ 3								
Rystes				3/ 3								
Employment Ethics College Courses Employment Ethics		院必修	,	0, 0								
College Courses		課程 Required College			2/ 2							
Courses												
#等體機論 Introduction of Semiconductor					2/ 2							
Introduction of Semiconductor			* **									
事業必修課程 計算機概論 Introduction of Computers 數位選轉與質習 Digital Logic Design and Practice 工業配線 Industrial Wiring 電路學 Electric Circuits 電子學 Electronics 電子學 Electronics で記述制質習 Programmable Logic Controller (PLC) Practice 電機械械實務 Electrically Machinery Practice 電機械械實務 Electrically Machinery Practice 國 3/3 3/3 POLO Practice 感测器原理與應用 Application and Theory of Sensor 電力電子學與應用 Application and Theory of Sensor 電力電子學與實習 Power Electronics and Practice 工業安全與衛生 Industrial Safety and Hygiene 自動控制與實習 Automatic Control Practice 3/3							2/ 2					
# ## Application and Theory of Sensor			小 計Subtotal	6/ 6	4/ 4	0/ 0	2/ 2	0/ 0	0/ 0	0/ 0	0/ 0	
Introduction of Computers 数位遅解與實習 Digital Logic Design and Practice 工業配線 Industrial Wiring 電路學 Electric Circuits 電子學 Electronics Circuit Practice 可程式控制質習 Programmable Logic Controller (PLC) Practice で機機械實務 Electrically Machinery Practice 平晶月實務 Single Chip Practice 「東温月實務 Single Chip Practice 「東温月實務 Single Chip Practice 「東温月實務 Single Chip Practice 「東山西 中心				3/3								
Bigital Logic Design and Practice 工業配線 Industrial Wiring 電路學 Electric Circuits 電子學 Electronics 電子電路實習 Electronics Circuit Practice 可程式控制實習 Programmable Logic Controller (PLC) Practice 電機機械實務 Electrically Machinery Practice 電視機械實務 Electrically Machinery Practice 電力電子學與實習 Power Electronics and Practice 工業安全與衛生 Industrial Safety and Hygiene 自動控制與實習 Automatic Control Practice			*	3/ 3								
Industrial Wiring					3/ 3							
專業必修課程 電路學 Electric Circuits 3/3 <t< td=""><td></td><td></td><td></td><td>3/ 3</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>					3/ 3							
Flectric Circuits 電子學 Electronics 電子學 Electronics Circuit Practice 可程式控制實習 Programmable Logic Controller (PLC) Practice 電機機械實務 Electrically Machinery Practice 單晶片實務 Single Chip Practice 感測器原理與應用 Application and Theory of Sensor 電力電子學與實習 Power Electronics and Practice 工業安全與衛生 Industrial Safety and Hygiene 自動控制與實習 Automatic Control Practice			電路學		3/ 3							
Electronics 電子電路實習 Electronics 可程式控制實習 Programmable Logic Controller (PLC) Practice 電機機械實務 Electrically Machinery Practice 平晶片實務 Single Chip Practice 感測器原理與應用 Application and Theory of Sensor 電力電子學與實習 Power Electronics and Practice 工業安全與衛生 Industrial Safety and Hygiene 自動控制與實習 Automatic Control Practice	Professional Required CourseS											
電子電路實習 Electronics Circuit Practice						3/ 3						
A 少修 课程 Programmable Logic Controller (PLC) Practice 電機械實務 Electrically Machinery Practice 電機機械實務 Single Chip Practice 感測器原理與應用 Application and Theory of Sensor 電力電子學與實習 Power Electronics and Practice 工業安全與衛生 Industrial Safety and Hygiene 自動控制與實習 Automatic Control Practice						3/3						
課程 Required Department Courses Programmable Logic Controller (PLC) Practice 電機機械實務 Electrically Machinery Practice 單晶片實務 Single Chip Practice 感測器原理與應用 Application and Theory of Sensor 電力電子學與實習 Power Electronics and Practice 工業安全與衛生 Industrial Safety and Hygiene 自動控制與實習 Automatic Control Practice						3/ 3						
(PLC) Practice 電機機械實務 3/3 Electrically Machinery Practice 3/3 單晶片實務 3/3 Single Chip Practice 3/3 感測器原理與應用 3/3 Application and Theory of Sensor 3/3 電力電子學與實習 3/3 Power Electronics and Practice 3/3 工業安全與衛生 2/2 Industrial Safety and Hygiene 1/2 自動控制與實習 3/3 Automatic Control Practice 3/3						2/2						
Tourses a		Required Department Courses				3/ 3						
Electrically Machinery Practice 單晶片實務 Single Chip Practice 感測器原理與應用 Application and Theory of Sensor 電力電子學與實習 Power Electronics and Practice 工業安全與衛生 Industrial Safety and Hygiene 自動控制與實習 Automatic Control Practice												
Single Chip Practice 感測器原理與應用 Application and Theory of Sensor 電力電子學與實習 Power Electronics and Practice 工業安全與衛生 Industrial Safety and Hygiene 自動控制與實習 Automatic Control Practice			Electrically Machinery Practice				3/ 3					
Single Chip Practice 感測器原理與應用 Application and Theory of Sensor 電力電子學與實習 Power Electronics and Practice 工業安全與衛生 Industrial Safety and Hygiene 自動控制與實習 Automatic Control Practice 3/3 2/2 3/3							3/ 3					
Application and Theory of Sensor 電力電子學與實習 Power Electronics and Practice 工業安全與衛生 Industrial Safety and Hygiene 自動控制與實習 Automatic Control Practice			-				2, 3					
電力電子學與實習 Power Electronics and Practice 工業安全與衛生 Industrial Safety and Hygiene 自動控制與實習 Automatic Control Practice								3/ 3				
Power Electronics and Practice 工業安全與衛生 Industrial Safety and Hygiene 自動控制與實習 Automatic Control Practice			電力電子學與實習					3/2				
Industrial Safety and Hygiene 自動控制與實習 Automatic Control Practice 1								<i>3/ 3</i>				
自動控制與實習 Automatic Control Practice									2/ 2			
Automatic Control Practice									_			
									3/ 3			

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-Night Division (Effective from Fall 2023)

	-Night Di											
			學年		學年		學年	第四學年				
[·			ool year		ool year		ool year	4th school year				
			下學期 2nd semester	上學期 1st semester	下學期 2nd semester	上學期 1st semester	下學期 2nd semester	上學期 1st semester	下學期 2nd semester			
			學分 時數									
	.l. ≄L Cubtotal	Credits Hours	Credits Hours 9/ 9	Credits Hours	Credits Hours 6/ 6	Credits Hours	Credits Hours 5/ 5	Credits Hours 0/ 0	Credits Hours 0/ 0			
	小 計Subtotal 電腦網路		2/ 2	9/ 9	0/ 0	0/ 0	3/ 3	0/ 0	0/ 0			
	E 加爾特里奇 Computer Network	3/ 3										
	程式語言		2/2									
	Programming Language		3/ 3									
	資訊安全導倫			3/ 3								
	Introduction of Information Security			3/ 3								
	進階電腦軟體應用											
	Advanced Computers Software			3/ 3								
	Applications											
	綠色能源轉換概論											
	Green Energy Conversion				3/ 3							
	Introduction											
	計算機結構 Computers Architecture				3/ 3							
	發變電工程											
	爱电工程 Generation and Substation					3/ 3						
	Engineering					3/ 3						
系專業選修	半導體元件											
示 等 来 送 [6] 課 程	Semiconductor Devices					3/ 3						
Professional	電動機控制實務						2/2					
Elective	Electronic Motor Control Practice						3/ 3					
Courses	電力系統						3/ 3					
	Power System						3/ 3					
	半導體製程技術						3/ 3					
	Manufacture of Semiconductor						3, 3					
	大數據分析							3/ 3				
	Big Data Analysis 干导履封装概論											
	Semiconductor Packaging							3/ 3				
	A 技農業之應用											
	Application of Science and							3/ 3				
	Technology in Agriculture											
	物聯網應用								3/ 3			
	Internet Applications								3, 3			
	電機設備保護								3/ 3			
	Protection of Electrical Apparatus											
	工程英文 Engineering English								3/ 3			
	小 計Subtotal	3/ 3	3/ 3	6/ 6	6/ 6	6/ 6	9/ 9	9/ 9	9/ 9			
擬開最低選修學分	1 2 Subtotui	2, 5										
Proposed Minimum Elective Credits	合 計Total	3/ 3	3/ 3	6/ 6	6/ 6	6/ 6	6/ 6	9/ 9	9/ 9			
		112年05月23日 校課程發展委員會會議通過Amended Date: 2023-05-23										

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		第一學年			第二學年			第三學年				第四學年				
	18	1st school year			2nd school year				3rd school year				4th school year			ear
科目名稱	上点	上學期 下學期		上學		下學期		上學期		下學期		上學期		下學期		
Subject	1st se	1st semester 2nd sem		mester	ster 1st semester		2nd semester		1st semester		2nd semester		1st semester		2nd semester	
	學分	時數	學分	時數	學分	時數	學分	時數	學分	時數	學分	時數	學分	時數	學分	時數
	Credits	Hours	Credits	Hours	Credits	Hours	Credits	Hours	Credits	Hours	Credits	Hours	Credits	Hours	Credits	Hours

一、畢業總學分至少128學分:

The total number of credits completed to be eligible to graduate shall not be less than 128 credits.

1.校訂必修30學分(含通識基礎必修30學分)。

The stipulated compulsory credits shall be 30 credits.(30 credits for required general education courses)

2.專業必修50學分(院必修12學分、系必修38學分)。

The professional compulsory credits shall be 50 credits.(12 credits for required college courses, and 38 credits for required department courses.)

備註 Note

3.系專業選修至少36學分。

The professional elective credits shall be not less than 36 credits.

4.一般選修至多12學分(開放學生自由選修本系或外系課程,其中「微學分課程」最多採計10學分)。
The general elective credits shall be up to 12 credits (Open for students to freely choose courses within their over

The general elective credits shall be up to 12 credits. (Open for students to freely choose courses within their own or other departments, with a maximum of 12 credits for 'Micro-Credit Courses')

二、畢業門檻:Graduation threshold

1.學生於修業年限內,應修畢「校訂必修」、「專業必修」、「系專業選修(含一般選修)」共計128學分。 Students are required to complete a total of 128 credits of "Stipulated Compulsory Course", "Professional Compulsory Course", and "Department Professional Elective Course (General Elective Course included)" within their academic years.