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

Far East University Curriculum of Mechanical Engineering Department for Four-Year Bachelor's Degree Program

-Night Division (Effective from Fall 2023)

# 1 8 名称 Subject 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
計画	口學年
Subject   District   District	hool year
投す	下學期 er 2nd semester
Chinese (1) (2)	<b>支 學分 時數</b>
接到	
技術   大田   大田   大田   大田   大田   大田   大田   大	
English Reading and Writing	
### ### ### ### ### ### ### ### ### ##	
General Studies(1)(2)(3)(4)(5)	
機構学 Mechanism 3/3	
Required Courses	0/0
Physics   1	
Required College Courses   Computer Software Application   Required College Courses   Employment Ethics	
Part	
Introduction of Semiconductor	
專業必修課程 Professional Required Courses	
Facility and Computer Graphics 3/3	0/0
# Manufacturing Engineering 3/3	
Engineering Mechanics 機構學 Mechanism  工程數學 Engineering Mathematics  家控工具機與實習 Computer Numerical Control Machine Tools and Practice  系必修 課程 Mechanical Design    3/3   3   3   3	
專業必修課程 Professional Required Courses Mechanism 	
「程数学 Engineering Mathematics 3/3 数控工具機與實習 Computer Numerical Control Machine Tools and Practice 3/3 機械設計 Mechanical Design 3/3	
Courses Computer Numerical Control Machine Tools and Practice	
系必修 課程 Mechanical Design 3/3	
Required Department Courses Engineering Materials 3/3	
Courses Engineering Materials 3/3 可程式控制實習 Programmable Logic Controller Practice 3/3	
機械材料實驗 Mechanical Material and Test	
氣液壓學與實習 Introduction and Practice of Pneumatics	
and Hydraulics 3/3 固力實驗 Experiment of Solid Mechanics 3/3	

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-Night Division (Effective from Fall 2023)												
				學年	-	學年		學年	•	學年		
				ool year		ool year		ool year		ool year		
		上學期	下學期	上學期	下學期	上學期	下學期	上學期	下學期			
			1	1st semester			2nd semester		2nd semester			
		學分 時數 Credits Hours	學分 時數 Credits Hours	學分 時數 Credits Hours	學分 時數 Credits Hours	學分 時數 Credits Hours	學分 時數 Credits Hours	學分 時數 Credits Hours	學分 時數 Credits Hours			
		熱流實驗	- Iours	- Ilouis	Tiours Tiours	TIOUIS	Jacob Hours	Hours	-round Hours	210ul5		
		無流真										
		Engineering							3/3			
			0 / 0	0/0	0/0	0 / 0	0 / 0	0 / 0		0 / 0		
		小計Subtotal	6/6	6/6	6/6	6/6	6/6	6/6	3/3	0/0		
		程式設計			2 / 2							
		Programming Design			3/3							
		電腦輔助立體製圖										
		Computer-Aided 3D Drawing			3/3							
		材料力學										
		Mechanics of Materials			3/3							
		半導體製程										
		Semiconductor Process				3/ 3						
		熱力學										
		Thermodynamics				3/ 3						
		冷凍空調										
		Refrigeneration and Air Conditioning					3/ 3					
		機械設計實務										
		Mechanical Design Practice					3/3					
		感測器原理與應用										
		Application and Theory of Sensor					2/2					
		工程數學應用										
		Application of Engineering Mathematics					3/3					
		流體力學										
		Fluid Mechanics					3/3					
		模具設計實務										
		Mold Design Practice						3/3				
系專業	業選修	材料機械性質										
課	:程	Mechanical property of Materials						3/ 3				
Profes	ssional	汽車原理										
	ctive	Principle of Automobile						2/2				
Cou	ırses	自動控制										
		Automatic Control						3/3				
		專利與工程創新										
		Patents and Engineering Innovation							2/2			
		能源工程										
		Energy Engineering							3/3			
		表面處理										
		Surface Treatment							3/3			
		粉末冶金										
		Powder Metallurgy							2/2			
		品質管制										
		Quality Control 空調工程							3/3			
		左調工程   Air Conditioning Engineering and										
		Dacian								3/3		
		太陽能工程										
		Solar Energy Engineering								3/3		
		陶瓷製程										
		Process of Ceranics								3/3		
		田口式實驗法										
		Taguchi Experimental Methods								2/2		
		工業4.0										
		Industry 4.0								3/3		

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		第一學年			第二學年			第三學年				第四學年			_		
		1s	t scho	ool year		2nd school year			3rd school year			4th school ye		ar			
			上學期		下學期		上學期 7		下學期 上		上學期 下學期		- 学期	上學期		下學期	
			1st semester		2nd semester		mester	2nd semester		1st semester 2nd semester		1st semester		2nd semester			
															時數 Hours		
	小 計Subtotal	0/	0	0/	0	9/	9	6/	6	14/	14	11/	11	13/	13	14/	14
擬開最低選修學分 Proposed Minimum Elective Credits	合 計Total	0/	0	0/	0	6/	6	6/	6	8/	8	8/	8	11/	11	8/	8

112年05月23日 校課程發展委員會會議通過Amended Date: 2022-05-23

## 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51學分(院必修12學分、系必修39學分)。

The professional compulsory credits shall be 51 credits.(12 credits for required college courses, and 39 credits for required department courses.)

備註 Note 3.系專業選修至少37學分。

The professional elective credits shall be not less than 37 credits.

4.一般選修至多10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 10 credits. (Open for students to freely choose courses within their own or other departments, with a maximum of 10 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.