明志科技大學四技部112學年度入學 機械工程系光機電組 課程總表

-114/8/12 校課程委員會審議通過 114/8/1 院課程委員會審議通過

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A				藝文涵養與社會參與(Art Literacy and Social Participation)												ᆂ		t		L		
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Part				多元學習模組(一)~(四)(Multimodal Learning Module)											16	60						「工讀實務實習」、「專業研究實
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日本語画の	180			普通化學(General Chemistry)	2	2										1	1	T		T		
Page				計算機程式與實營(Computer Programming and Practice) 露際軸由機械製圖(Computer Aided Mechanical Drawns)											+	+	+	+	+	+	+	EMI課程English-taught course
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### 1			專	動力學(Dynamics)			Ĺ	Ĺ		-						1		T				
### 1								1	3	4	2	_		\square		- -	_	4	4	1	1	ļ
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### 1				自動控制(一)(Automatic Control I)							3	3	,	2	-+	+	\dashv	+		+	+-	
特殊できなができない。		1	刀										٥)	-+	+	1 3	+	1 3	+		
## 2				機械元件設計(一)(Design of Machine Elements I)												_	_	T	Ĺ			
### 1					9	9	5	6	6	7	12	12	2	3	0	_			1 2	+	+	40
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Post		T		跨領域頂石專題(一)(Interdisciplinary capstone course(I))							1	3										跨領域專題Interdisciplinary capstone
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学の発展に大Senior Capstone Procest(II))	<u> 科技央 X 間報與衣蓬(Scientific Presentation in English)</u> 特色裏題(一)(Senior Carstone Project(I))									H	H	-+	+	2 2 2 4	+	+	+	+-	榮譽學分學程課程Honors credit 榮譽學分學程課程Honors credit
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理点に関連機能に対していまった。				电探字映頁駅(Electric Machinery with Laboratory) 電子學與實驗(Electronics with Laboratory)			3	4	3	4				\vdash	-+	+	+	+		+	+-	
機能を合う質量が低点でのおよっては、自動ではない。				單晶片原理與應用(Single Chip Principle and Applications)					Ĺ		3	3										模組(Module) A
# 程子で開発部(Introduction to Biophotonics)				光電材料(Electrical and Optical Materials)				\perp	L	\perp	Ш				$ \mp$	Ţ	$-\Gamma$			Ŧ		模組(Module) A
選手													- 3	- 5	3	3	+	+	+	+	+	模組(Module) A 模組(Module) A、建距課程distance
要系統契約實験Micro System Process and Laboratory				基本感測實務(Sensor Practice)													3 3					模組(Module) A
### A T 当業機能(Introduction to Artificial Intelligence				微系統製程與實驗(Micro System Process and Laboratory)	-	-		1		1				\square		- -	_	13	3 3	15	1	模組(Module) A
Python Pt. 元前				DXIVIALLE OXIVITACIDAL TRAINING OF MACHINING) 人工智慧概論(Introduction to Artificial Intelligence)	- 5	- 5	2	2							-+	+	\dashv	+		+		
### A T 当該物議規係結合Introduction to Artificial Intelligence & Internet of Things)	155			Python程式語言與應用(Computer Programming and Applications)				Ĺ														模組(Module) B
### (Automatic Control II)				人工智慧物聯網概論(Introduction to Artificial Intelligence & Internet of Things)				1	2	2	2	2		\square		- -	_	4	4	1	1	模組(Module) B、EMI課程English-
# 報酬報告が同とに対応 Motor Centrol	180		4								. 5	5	3	3	-+	H	+	+	+	+	+	
### (Module) B				電動機控制(Electrical Motor Control)									Ĺ				3 3					模組(Module) B
語彙形元学極端Authander Optical Inspection	_		業	機構設計(Mechanism Design)			F				H		H	H	\dashv	Ŧ	3 3	Τ.	, -	4	+	
##			選	<u>日期115元学</u> 懐測(Automated Optical Inspection) 無人載具技術與應用(Technology and Applications of Unmanned Vehicle)					-					\vdash	+	+	+			+	+-	模組(Module) B
開			修	進階電腦輔助機械製圖(Advanced Computer-Aided Mechanical Drawing)			3	3								1		ľ				模組(Module) C
### ### ### ### ### ### ### ### ### ##			開	電腦輔助設計(一)(Computer-Aided Design I)							Ш		ш	\vdash	_	+	\dashv	+		+	+-	
No.	少		設	好近黒/例外員百(Frecision Measurement and Fractice) 3D 列印實務與應用(3D Printing Practice and Anolication)											-+	+	\dashv	+		+		
分				模具設計與製造(Design and Manufacture of Mould)					Ĺ	Ĺ			3	3		1						模組(Module) C
電影輸助工程分析(Computer-Aided Engineering)				製造學(Manufacturing Principles)							Ш		3	3	3	2	\dashv	+		+	+-	
智麗模具設計模類所分析(Design and Flow Analysis of Ristic Mould)	1 2			十字順梁在(Semiconductor Process) 電腦輔助工程分析(Computer-Aided Engineering)											2	١	3 3	+		+		
#題記字系(Secial Proixt Exploring)				塑膠模具設計與模流分析(Design and Flow Analysis of Plastic Mould)												1						模組(Module) C
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新能源工程導論(Introduction to New Energy Engineering)				学園表面(//Jopecial Project Design II) 氣壓學與實習(Pneumatic System and Practice)									1	1	-+	+	3 3	+		+		
化工産業之機電質務講座(Lectures on electro-mechanical engineering practice for chemical industry) 3 3 3 製紙機組(Module) D、化 光電子學與實驗(Optoelectronics with Laboratory) 3 3 3 製紙(Module) D				新能源工程導論(Introduction to New Energy Engineering)																		模組(Module) D
光電子學與實驗(Optoelectronics with Laboratory) 3 3 3 機能(Module) D				熱傳學(Heat Transfer)							Ш		ш	\vdash	_					+	+-	模組(Module) D
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- INC. ## PARTING LET ## TO THE TO THE
- from Department Professional Compulsory courses.

 Minimum Graduation Credits Requirement: For students who have completed the second major credit program/interdisciplinary credit program, the minimum graduation credit structure is adjusted as follows: 41 credits from common compulsory courses, at least 8 Minimum Graduation Credits Requirement: For students who have completed the second major credit program/interdisciplinary credit program, the minimum graduation credit structure is adjusted as follows: 41 credits from common compulsory courses, at least 8 credits from the pertanent elucation elective courses (from five categories, seelecting any four categories, 2 credits from the pertanent elective courses, and at least 46 credits from department elective courses, and at least 46 credits from department elective courses, and at least 46 credits from department elective courses. The department elective courses are divided into the following modules: Opto-Mechatronics Core Courses Module (Module A), Unmanned Vehicle Interdisciplinary Credit Program (Module B), Procision Manufacturing Course Module (Module D), Among these, at least 6 courses must be taken from the Precision Machinery Core Courses Module (Module A), while the other modules can be chosen freely. A maximum of 6 credits from the professional electives of other classes within the Mechanical Engineering Department can be counted as professional elective credits.

 Honor program students who enroll to this department must take the following courses as mandatory courses: "Senior Capstone Project I ' II', "Scientific Presentation in English", and "Technical English: Reading and Listening I-V."

 According to 'Academic Regulations for Undergraduate Studies," students must pass the department's professional competency threshold. For details, please refer to "Graduation Requirements for Professional Ability and Guidelines for Students in Department of Mechanical Engineering."