國立勤益科技大學 114 學年度進修部四年制產攜 2.0 - 產學攜手合作計畫工業工程與管理系智慧生產與精實管理專班學分計畫表 National Chin-Yi University of Technology Continuing Education Division Curriculum for 2025 Department of Industrial Engineering and Management Four-Year Bachelor Program of Smart Production and Lean Management Class.

113.10.23系課程委員會 113.10.30系務會議審議通過 113.11.19 113學年度第1次院課程會審議通過 113.12.05 校課程委員會議及113.12.24 臨時教務會議審議通過

		12.00 权政	期First Se			Second S	
科目	Courses		正課	實習 Internship	学分 Credit	正課	實習 Internship
	共同必修科目(24學分)General Required Course	Credit s(24credit					
	第一學年First Year						
應用國文(一)	Applied Chinese (I)	2	2	0			
實用英文(一)	Practical English (I)	3	3	0			
應用數學 (一)	Applied Mathematics (I)	3	3	0			
體育(一)	Physical Education (I)	0	2	0			
應用國文(二)	Applied Chinese (II)				2	2	0
實用英文 (二)	Practical English (II)				3	3	0
應用數學(二)	Applied Mathematics (II)				3	3	0
體育(二)	Physical Education (II)				0	2	0
	第二學年Second Year						
英文聽力與閱讀	Listening and Speaking	2	2	0			
職場倫理與生涯規劃	Organization Ethics and and Career Planing	2	2	0			
工業日文	Industrial Japanese				2	2	0
人際關係與溝通協調	Interpersonal Relationships and Communication and Coordination				2	2	0
	and coordination	上學	」 期First Se	mester	下學期	emester	
科目	Courses	學分 Credit	正課	實習 Internship	學分 Credit	正課 Lecture	實習
	專業必修科目(68學分)Department Required Cours	ses(68cred	its hours	s)			
	第一學年First Year						
產業實務實習(一)	Industrial Practice Internship (I)	3	0	6			
工業工程與管理導論	Introduction to Industrial Engineering and	3	3	0			
△計算機概論	Management Introduction to Computer Science	3	3	0			
產業實務實習(二)	Industrial Practice Internship (II)	+ -	l °	0	3	0	6
△計算機程式	Computer Program	1			3	3	0
智慧製造概論	Introduction to Intelligent Manufacturing	1			3	3	0
日心衣草桃崎	第二學年Second Year		1		0	U	· ·
產業實務實習(三)	Industrial Practice Internship (III)	3	T 0	6			
統計學	Statistics	3	3	0			
自動化概論	Introduction to Automation	3	3	0			
自動化生產系統	Automatic Manufacturing System	3	3	0			
產業實務實習(四)	Industrial Practice Internship (IV)	 	Ť	<u> </u>	3	0	6
物料管理	Material Management	1	1		3	3	0
自動化資料蒐集系統	Automatic Data Collection Systems				3	3	0
1 37 10 X 11 76 X 71 76	第三學年Third Year		1		-		Ü
產業實務實習(五)	Industrial Practice Internship (V)	3	0	6			
品質管理	Quality Management	3	3	0			
生產管理	Production Management	3	3	0			
電腦輔助設計與製造	Computer Aided Design and Manufacturing	3	3	0			
產業實務實習(六)	Industrial Practice Internship (VI)	 	<u> </u>		3	0	6
工作研究	Work Study				3	3	0
電腦輔助繪圖	Computer Aided Drawing				3	3	0
	第四學年Fourth Year	•					!
産業實務實習(七)	Industrial Practice Internship (VII)	3	0	6			
實務專題(一)	Practical Project Study (I)	1	3	0			
產業實務實習(八)	Industrial Practice Internship (VIII)	1	1		3	0	6
實務專題 (二)	Practical Project Study (II)				1	3	0
		上學	期First Se	mester	下學期	Second S	emester
斜目	Courses	學分 Credit	正課 Lecture	實習 Internship	學分 Credit	正課 Lecture	實習 Internship
	專業選修科目Department Electives	Courses					
	第二學年Second Year		-	1 -		1	1
網際網路與電子商務	Internet and Electronic Commerce	3	3	0			
模具工程	Mold-and-die Engineering	3	3	0			
數值分析	Numerical Analysis	3	3	0			
會計學	Accounting	3	3	0			
套裝軟體應用	Software Application and Practice	3	3	0			
工業安全	Industrial Safety	3	3	0			
工具工程	Tool Engineering	1			3	3	0

人因工程	Ergonomics				3	3	0
數控工具機技術	The Technology of Numerical Control Machine	l	l		3	3	0
<u> </u>	Introduction to Factory Energy Saving	1	1		3	3	0
資料庫系統	Database Management Systems				3	3	0
英文能力檢定	English Proficiency Test				3	3	0
作業研究	Operations Research	 			3	3	0
物流技術與管理	Logistics System Management	 			3	3	0
商務企劃管理	Business Planning and Management				3	3	0
財務管理	Financial Management	1	1		3	3	0
1	System Analysis and Design	 	 		3	3	0
系統分析與設計 △機聯網規劃與設計	Planning and Programming of IoMs	 	 		ა 3	3	0
△機聯網規劃與設計	第三學年Third Year	<u> </u>	ļ.		υ	ð	U
工業安全衛生法規	Ordinance on Industrial Safety and Health	3	3	0			
塑性加工		3	3	0			
	Plastic Workings	3		0			
應用日文	Applied Japanese		3				
績效評估 A ** 五 7 11	Performance Evaluation Method	3	3	0			
企業電子化	Enterprise Digitization	3	3	0			
電腦輔助3D繪圖	Computer Aided 3D Graphics	3	3	0			
物流與供應鏈系統設計	Logistics and Supply Chain System Design	3	3	0			
製造策略管理	Manufacturing Strategy Management	3	3	0			
工業心理學	Industrial Psychology				3	3	0
品質工程	Quality Engineering				3	3	0
工業衛生	Industrial Hygiene				3	3	0
企業資源規劃系統	Enterprise Resource Planning Systems				3	3	0
△應用程式設計	C Language Program Design				3	3	0
無線識別技術概論	Introduction to Wireless Identification Technology				3	3	0
產品資料管理	Product Data Management				3	3	0
統計製程管制	Statistical Process Control				3	3	0
非傳統加工	Nontraditional Machining				3	3	0
工程經濟	Engineering Economics	1	1		3	3	0
氣液壓學	Pneumatics and Hydraulics	†	†		3	3	0
智慧供應鏈管理	Smart Supply Chain Management				3	3	0
管理資訊系統	Management Information Systems				3	3	0
行銷管理	Marketing Management				3	3	0
精實管理	Lean Management	1	 		3	3	0
7月月日 4	第四學年Fourth Year				J	บ	U
人力資源管理	Human Resource Management	3	3	0			
		I 0	J	U			
		9	9	0			
電腦整合製造系統	CIM System	3	3	0			
電腦整合製造系統 產品專利實務	CIM System Product Patent Practice	3	3	0			
電腦整合製造系統 產品專利實務 現代化生產管理	CIM System Product Patent Practice Modern Production Management	3	3	0			
電腦整合製造系統 產品專利實務 現代化生產管理 全面品質管理	CIM System Product Patent Practice Modern Production Management Total Quality Management	3 3	3 3	0 0			
電腦整合製造系統 產品專利實務 現代化生產管理 全面品質管理 組織行為與管理	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management	3 3 3	3 3 3	0 0 0 0			
電腦整合製造系統 產品專利實務 現代化生產管理 全面品質管理 組織行為與管理 專案管理	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management	3 3 3 3	3 3 3 3	0 0 0 0			
電腦整合製造系統 產品專利實務 現代化生產管理 全面品質管理 組織行為與管理 專案管理 商業營運模式	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model	3 3 3 3 3	3 3 3 3 3	0 0 0 0 0			
電腦整合製造系統 產品專利實務 現代化生產管理 全面品質管理 組織行為與管理 專案管理 商業營運模式 設施規劃	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning	3 3 3 3	3 3 3 3 3	0 0 0 0			
電腦整合製造系統 產品專利實務 現代化生產管理 全面品質管理 組織行為與管理 專案管理 商業營運模式 設施規劃 系統模擬	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation	3 3 3 3 3	3 3 3 3 3	0 0 0 0 0	3	3	0
電腦整合製造系統 產品專利實務 現代化生產管理 全面品質管理 組織行為與管理 專案管理 商業營運模式 設施規劃 系統模擬 管理經濟	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics	3 3 3 3 3	3 3 3 3 3	0 0 0 0 0	3	3	0
電腦整合製造系統 產品專利實務 現代化生產管理 全面品質管理 組織行為與管理 專案管理 商業營運模式 設施規劃 系統模擬 管理經濟 產品開發與設計	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design	3 3 3 3 3	3 3 3 3 3	0 0 0 0 0	3	3	0
電腦整合製造系統 產品專利實務 現代化生產管理 全面品質管理 組織行為與管理 專案管理 商業營運模式 設施規劃 系統模擬 管理經濟 產品開發與設計 產業診斷與改善	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement	3 3 3 3 3	3 3 3 3 3	0 0 0 0 0	3 3	3 3	0 0
電腦整合製造系統 產品專利實務 現代化生產管理 全面品質管理 組織行為與管理 專案管理模式 設施規劃 系統模擬 管理經濟 產品開發與設計 產業診斷與改善 顧客關係管理	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management	3 3 3 3 3	3 3 3 3 3	0 0 0 0 0	3 3 3	3 3 3	0 0 0 0
電腦整合製造系統 產品專利實務 現代化生產管理 全面品質管理 組織行為與管理 專案管理模式 設施規劃 系統模擬 管理經濟 產出開發與設計 產業診斷與改善 顧客關係管理 時間溝通管理	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management	3 3 3 3 3	3 3 3 3 3	0 0 0 0 0	3 3 3 3	3 3 3 3	0 0
電腦整合製造系統 產品專利實務 現代化生產管理 全面品質管理 組織行為與管理 專案管理模式 設施規劃 系統模擬 管理經濟 產品開發與設計 產業診斷與改善 顧客關係管理	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management	3 3 3 3 3	3 3 3 3 3	0 0 0 0 0	3 3 3 3 3	3 3 3	0 0 0 0
電腦整合製造系統 產品專利實務 現代化生產管理 全面品質管理 組織行為與管理 專案管理模式 設施規劃 系統模擬 管理經濟 產出開發與設計 產業診斷與改善 顧客關係管理 時間溝通管理	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management	3 3 3 3 3	3 3 3 3 3	0 0 0 0 0	3 3 3 3 3 3	3 3 3 3 3 3	0 0 0 0
電腦整合製造系統 產品專利實務 現代化生產管理 全面品質管理 組織行為與管理 專案管運模式 設施規擬 管理經濟 產業診斷與改善 顧客關係管理 時間溝通管理 國際品質保證	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management International Quality Assurance	3 3 3 3 3	3 3 3 3 3	0 0 0 0 0	3 3 3 3 3 3 3	3 3 3 3 3 3 3	0 0 0 0 0
電腦整合製造系統 產品專利實務 現代化生產管理 全面品質管理 組織行為與管理 專案管理 轉案管理 複統規劃 系統模擬 管理經濟 產出開發與設計 產業診斷與改善 顧客關係管理 時間溝通管理 國際品質解證 產品創新實務	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management International Quality Assurance Product Innovation Practice	3 3 3 3 3	3 3 3 3 3	0 0 0 0 0	3 3 3 3 3 3	3 3 3 3 3 3	0 0 0 0 0
電腦整合製造系統 產品專利實務 現代化生產管理 全面品質管理 趣織行為與 專案管理 專案管理模式 設施規擬 管理經濟 產出開發與改善 產業影關係管理 時間溝通管保證 產品創新實際 電腦輔助原型設計	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management International Quality Assurance Product Innovation Practice Computer-Aided Prototyping	3 3 3 3 3 3	3 3 3 3 3 3 3	0 0 0 0 0 0	3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0
電腦整合製造系統 產品專利實務 現代化生產管理 全面織行管理 專案管理 專案管理模式 設施規擬 管理經濟 產業影斷與改善 顧問 實際品創新實理 國產品網輔助原型設計 商務溝通 策略管理	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management International Quality Assurance Product Innovation Practice Computer-Aided Prototyping Business Communication Strategy Management	3 3 3 3 3 3	3 3 3 3 3	0 0 0 0 0 0	3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0
電腦整合製造系統 產品專利實務 現代化生產管理 全面品質管理 組織行為與管理 專案管理模式 設施規擬 管理經濟 產出開發與設計 產業診斷與改善 顧客關係管理 時間溝通管理 國際品創新實保證 產品創新原型設計 商務溝通	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management International Quality Assurance Product Innovation Practice Computer-Aided Prototyping Business Communication	3 3 3 3 3 3 3 3 4	3 3 3 3 3 3 3 3	0 0 0 0 0 0 0	3 3 3 3 3 3 3 7 季分	3 3 3 3 3 3 3 3 3 Second Se	0 0 0 0 0 0 0 0 0 0 0
電腦整合製造系統 產品專利實務 現代化生產管理 全面織行管理 專案管理 專案管理模式 設施規擬 管理經濟 產業影斷與改善 顧問 實際品創新實理 國產品網輔助原型設計 商務溝通 策略管理	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management International Quality Assurance Product Innovation Practice Computer-Aided Prototyping Business Communication Strategy Management Courses	3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4	3 3 3 3 3 3 3 3	0 0 0 0 0 0	3 3 3 3 3 3 3 7 季期	3 3 3 3 3 3 3 3 3 3 5 Second Se	0 0 0 0 0 0 0 0 0
電腦整合製造系統 產品專利實務 現代化生產管理 全面織行管理 專案管理 專案管理模式 設施規擬 管理經濟 產業影斷與改善 顧問 實際品創新實理 國產品網輔助原型設計 商務溝通 策略管理	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management International Quality Assurance Product Innovation Practice Computer-Aided Prototyping Business Communication Strategy Management Courses # 同選修科目General Elective Con	3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4	3 3 3 3 3 3 3 3	0 0 0 0 0 0 0	3 3 3 3 3 3 3 7 季分	3 3 3 3 3 3 3 3 3 Second Se	0 0 0 0 0 0 0 0 0 0 0
電腦整合製造系統產用,在工作 一個	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management International Quality Assurance Product Innovation Practice Computer-Aided Prototyping Business Communication Strategy Management Courses # 阿選修科目General Elective Course # 中學年First Year	3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4	3 3 3 3 3 3 3 3	0 0 0 0 0 0 0	3 3 3 3 3 3 3 7 季分	3 3 3 3 3 3 3 3 3 Second Se	0 0 0 0 0 0 0 0 0 0 0
電腦整合製造系統 產品專利實務 現代化生產管理 全組織行為與管理 專業營運模式 設施規擬 管理經濟 產業營運模式 設施規擬 管理紹開於 實理經濟 產業影斷與改善 顧問以善 實際問講所 實際 產品關輔助原型設計 商務略管理 和 日本 一本 一本 一本 一本 一本 一本 一本 一本 一本 一本 一本 一本 一本	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management International Quality Assurance Product Innovation Practice Computer-Aided Prototyping Business Communication Strategy Management Courses # 同選修科目General Elective Computer All-Out Defense Education Military Training (I)	3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4	3 3 3 3 3 3 3 3	0 0 0 0 0 0 0	3 3 3 3 3 3 3 7 平 期 学分 Credit	3 3 3 3 3 3 3 3 Second Se	0 0 0 0 0 0 0 0 0 0 emester
電腦整合製造系統產用,在工作 一個	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management International Quality Assurance Product Innovation Practice Computer-Aided Prototyping Business Communication Strategy Management Courses ## ### ### ########################	3 3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4	3 3 3 3 3 3 3 3	0 0 0 0 0 0 0	3 3 3 3 3 3 3 7 季分	3 3 3 3 3 3 3 3 3 Second Se	0 0 0 0 0 0 0 0 0 0 0
電腦整合製造系統 產品專利實務 現代化生產管理 全面品行為與管理 專業營運模式 設施規擬 管理經濟 產業營運模式 設施規擬 管理紹務與改善 產業診斷與管理 國際不關,與改善 顧問,以下, 國際不同, 國際不同, 實際 電腦輔通 電腦, 電腦, 電腦, 電腦, 電腦, 電腦, 電子 電子 電子 電子 電子 電子 電子 電子 電子 電子 電子 電子 電子	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management International Quality Assurance Product Innovation Practice Computer-Aided Prototyping Business Communication Strategy Management Courses # 同選修科目General Elective Commander ### All-Out Defense Education Military Training (II) #### All-Out Defense Education Military Training (III) ##################################	3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4	3 3 3 3 3 3 3 3 4 9 First Ser Lecture	0 0 0 0 0 0 0 0	3 3 3 3 3 3 3 7 平 期 学分 Credit	3 3 3 3 3 3 3 3 Second Se	0 0 0 0 0 0 0 0 0 0 emester
電腦整合製造系統 產品專利實務 現代化生產管理 全組織行為與管理 專業營運模式 設施規擬 管理與關於數與改善 產業營數與改善 產業影斷與管理 國際品制辦原型設計 產業的關聯與管理 國際品創斯原型設計 商務溝通 策略管理 科目	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management International Quality Assurance Product Innovation Practice Computer-Aided Prototyping Business Communication Strategy Management Courses # 同選修科目General Elective Computers All-Out Defense Education Military Training (II) All-Out Defense Education Military Training (III) 第二學年Second Year All-Out Defense Education Military Training (III)	3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4	3 3 3 3 3 3 3 3	0 0 0 0 0 0 0	3 3 3 3 3 3 3 7 學 分 Credit	3 3 3 3 3 3 3 3 Second Se 上ecture	0 0 0 0 0 0 0 0 0 0 0 emester 實習 Internship
電腦整合製造系統 產品專利實務 現代化生產管理 全面品行為與管理 專業營運模式 設施規擬 管理經濟 產業營運模式 設施規擬 管理紹務與改善 產業診斷與管理 國際不關,與改善 顧問,以下, 國際不同, 國際不同, 實際 電腦輔通 電腦, 電腦, 電腦, 電腦, 電腦, 電腦, 電子 電子 電子 電子 電子 電子 電子 電子 電子 電子 電子 電子 電子	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management International Quality Assurance Product Innovation Practice Computer-Aided Prototyping Business Communication Strategy Management Courses # 同選修科目General Elective Com 第一學年First Year All-Out Defense Education Military Training (II) All-Out Defense Education Military Training (III) All-Out Defense Education Military Training (IV) All-Out Defense Education Military Training (IV)	3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4	3 3 3 3 3 3 3 3 4 9 First Ser Lecture	0 0 0 0 0 0 0 0	3 3 3 3 3 3 3 7 平 期 学分 Credit	3 3 3 3 3 3 3 3 Second Se	0 0 0 0 0 0 0 0 0 0
電腦整合製造系統產用, 在	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management International Quality Assurance Product Innovation Practice Computer-Aided Prototyping Business Communication Strategy Management Courses # 同選修科目General Elective Courses # 同理修科目General Elective Courses All-Out Defense Education Military Training (II) All-Out Defense Education Military Training (III) All-Out Defense Education Military Training (IV) 第 二學年First Year	3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4	3 3 3 3 3 3 3 3 3 4 第First Ser 上課 Lecture	0 0 0 0 0 0 0 0	3 3 3 3 3 3 3 7 學 分 Credit	3 3 3 3 3 3 3 3 Second Se 上ecture	0 0 0 0 0 0 0 0 0 0 0 emester 實習 Internship
電腦整合利實管理 全面紹介 學達系統 產品專化生產管理 全面織行管理 組織案管理 專業營運模式 設施規擬 管理經濟發與設計 產業營調數數 產業關聯與改善 一直與於稅經經濟 產業關聯與改善 一方數	Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management International Quality Assurance Product Innovation Practice Computer-Aided Prototyping Business Communication Strategy Management Courses # 同選修科目General Elective Courses # 写學年First Year All-Out Defense Education Military Training (II) All-Out Defense Education Military Training (III) All-Out Defense Education Military Training (IV) 第 二學年Fhird Year Physical Education Elective	3 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4	3 3 3 3 3 3 3 3 3 3 3 4 First Ser 上課 Lecture	0 0 0 0 0 0 0 0	3 3 3 3 3 3 3 7 學 分 Credit	3 3 3 3 3 3 3 3 Second Se 上ecture	0 0 0 0 0 0 0 0 0 0 0 emester 實習 Internship
電腦整合製造系統產用, 在	CIM System Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management International Quality Assurance Product Innovation Practice Computer-Aided Prototyping Business Communication Strategy Management Courses # 同選修科目General Elective Courses # 同理修科目General Elective Courses All-Out Defense Education Military Training (II) All-Out Defense Education Military Training (III) All-Out Defense Education Military Training (IV) 第 二學年First Year	3 3 3 3 3 3 3 3 3 3 3 4 Credit	3 3 3 3 3 3 3 3 3 4 第First Ser 上課 Lecture	0 0 0 0 0 0 0 0	3 3 3 3 3 3 3 7 學 分 Credit	3 3 3 3 3 3 3 3 Second Se 上ecture	0 0 0 0 0 0 0 0 0 0 0 emester 實習 Internship
電腦品專化生產理 全組織等學學 一個人 一個人 一個人 一個人 一個人 一個人 一個人 一個人 一個人 一個人	Product Patent Practice Modern Production Management Total Quality Management Organizational Behavior and Management Project Management Business Model Facilities Planning System Simulation Managerial Economics Product Development and Design Industrial Diagnosis and Improvement Customer Relationship Management Time and Communication Management International Quality Assurance Product Innovation Practice Computer-Aided Prototyping Business Communication Strategy Management Courses # 同選修科目General Elective Courses # 写學年First Year All-Out Defense Education Military Training (II) All-Out Defense Education Military Training (III) All-Out Defense Education Military Training (IV) 第 二學年Fhird Year Physical Education Elective	3 3 3 3 3 3 3 3 3 3 3 4 4 4 Credit urses	3 3 3 3 3 3 3 3 3 3 3 4 First Ser 上課 Lecture	0 0 0 0 0 0 0 0 0	3 3 3 3 3 3 3 7 學 分 Credit	3 3 3 3 3 3 3 3 Second Se 上ecture	0 0 0 0 0 0 0 0 0 0 0 emester 實習 Internship

					第	四學年	Fourth	Year								
體育選修 Physi			Physical Education Elective							1	2	0				
體育選修		Physical Education Elective											1	2	0	
學分/時數統計 Credit/Hour Total		第一學年First Year 第二學年Sec				Second Yea	r	第三學年Third Year				第四學年Fourth Year				
		上學期 First Semester Second Semester		上學期 下學期 First Semester Second Semester			上學期 下學期 First Semester Second Semeste			上學期 First Semester		下學期 Second Semester				
	學分 Credi	學時 Hour	學分 Credit	學時 Hour	學分 Credit	學時 Hour	學分 Credit	學時 Hour	學分 Credit	學時 Hour	學分 Credit	學時 Hour	學分 Credit	學時 Hour	學分 Credit	學時 Hour
必修科目學分/時數 Required Courses Credit / Hour	17	22	17	22	16	19	13	16	12	15	9	12	4	9	4	9
最低選修科目學分/時數 Minimum Electives Courses Credit / Hour	0	0	0	0	3	3	3	3	6	6	9	9	12	12	12	12
總學分數/時數累計 Credits / Hours Total	17	22	17	22	19	22	16	19	18	21	18	21	16	21	16	21

備註Note:

- 一、 畢業至少應修滿 128 學分【必修 92 學分,選修至少 36 學分(其中至少需含本系專業選修 24 學分)】。 Students should complete at least 128 credits before graduation, including 92 required credits, 36 elective credits (elective credits should have at least 24 credits from department elective courses).
- 二、 通識教育學院所開設之「博雅通識課程」學分數(時)為2學分2學時或3學分3學時,經 101 學年度第二學期校課程委員會會議通過。 Liberal Arts General Study courses opened by College of General Education, are divided into 2 hours course with 2 credits or 3 hours course with 3 credits, ratified by Course Committee in 2012.
- 三、 課程名稱前有標示「△」符號者,為「程式設計課程」。 Courses with a "△" refers to an application design course.
- 四、 課程名稱前有標示「●」符號者,為「職能專業課程」。 Courses with a "●" refer to a professional competence course.
- 五、 課程名稱前有標示「AI」符號者,為「人工智慧相關課程」。 Courses with an "AI" refer to an artificial intelligence related course.
- 六、 為因應法規變更、評鑑建議或政府計畫規定等外在因素,本系保有調整學分計畫之權利。若有修訂,將於學期開始前公告,並明確說明修訂內容、影響範圍及相關配套措施,以保障學生權益。
 The department reserves the right to adjust the curriculum in response to external factors such as changes in regulations, suggestions of evaluation and accreditation, or government program regulations. If there are any revisions, will be announced before the start of the semester, and the revised content, scope of impact, and related supporting measures will be clearly stated to protect the rights and interests of students.