

國立勤益科技大學113學年度進修部二年制工業工程與管理科學分計畫表
National Chin-Yi University of Technology Continuing Education Division
Curriculum for 2024 Two-Year Association Program of Department of Industrial Engineering and Management

112.10.31 系課程委員會
112.11.8 系務會議審議通過
112.11.23 院課程會議審議通過
112.12.07 校課程委員會及112.12.21 臨時教務會議審議通過
113.12.05 校課程委員會及113.12.24 臨時教務會議審議通過

科目	Courses	上學期First Semester			下學期Second Semester			
		學分 Credit	正課 Lecture	實習 Internship	學分 Credit	正課 Lecture	實習 Internship	
共同必修科目(10學分)General Required Courses(10credits hours)								
第一學年First Year								
英文(一)	English (I)	2	2	0				
國文(一)	Chinese (I)	2	2	0				
國文(二)	Chinese (II)				2	2	0	
英文(二)	English (II)				2	2	0	
第二學年Second Year								
法學概論	Introduction to the Study of Law	2	2	0				
科目	Courses	上學期First Semester			下學期Second Semester			
		學分 Credit	正課 Lecture	實習 Internship	學分 Credit	正課 Lecture	實習 Internship	
校訂必修科目(52學分)Department Required Courses(52credits hours)								
第一學年First Year								
微積分(一)	Calculus (I)	2	2	0				
△計算機程式	Computer Program	3	3	0				
工業工程與管理	Industrial Engineering and Management	3	3	0				
統計學	Statistics	3	3	0				
製造程序	Manufacturing Processes	2	2	0				
經濟學	Economics	3	3	0				
微積分(二)	Calculus (II)				2	2	0	
品質管理	Quality Management				3	3	0	
品質管理實務	Quality Management Practice				2	2	0	
工作研究	Work Study				4	4	0	
生產管理	Production Management				3	3	0	
生產管理實務	Production Management Practice				2	2	0	
第二學年Second Year								
△系統分析與設計	System Analysis and Design	3	3	0				
人力資源管理	Human Resource Management	3	3	0				
會計學	Accounting	3	3	0				
工程經濟	Engineering Economics	3	3	0				
設施規劃	Facilities Planning				3	3	0	
物料管理	Material Management				2	2	0	
專題製作	Project Study				3	3	0	
科目	Courses	上學期First Semester			下學期Second Semester			
		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								
△資料庫系統	Database Management Systems	3	3	0				
日文	Japanese	3	3	0				
組織行為與管理	Organizational Behavior and Management	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				
商用英文	Business English				3	3	0	
財務管理	Financial Management				3	3	0	
人因工程	Ergonomics				3	3	0	
行銷管理	Marketing Management				3	3	0	
電腦圖學	Computer Drawings				3	3	0	
商業自動化	Business Automation				3	3	0	
△管理資訊系統	Management Information Systems				3	3	0	
品質計劃與經營	Quality Planning and Operating				3	3	0	
通識課程	Liberal Education Curriculums				2	2	0	
學分/時數統計 Credit/Hour Total	第一學年First Year				第二學年Second Year			
	上學期 First Semester		下學期 Second Semester		上學期 First Semester		下學期 Second Semester	
	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	20	20	20	20	14	14	8	8

最低選修科目學分/時數 Minimum Electives Courses Credit / Hour	0	0	0	0	6	6	12	12
總學分數/時數累計 Credits / Hours Total	20	20	20	20	20	20	20	20

備註Note:

- 一、 畢業至少應修滿 80 學分【必修 62 學分，選修至少 18 學分(其中至少需含本系專業選修 12 學分)】。
Students should complete at least 80 credits before graduation, including 62 required credits, 18 elective credits (elective credits should have at least 12 credits from department elective courses).
- 二、 選修通識課程包含性別平等、智慧財產權、海洋教育等相關課程；選修通識課程由通識學院協助開設。
Liberal Education Courses include gender equality courses、intellectual property courses、marine education courses, and these courses provided by College of General Education.
- 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.