國立雲林科技大學 114 學年度工業工程與管理系大學部 專業必修 課程流程圖

Course Flow Chart for 2025 Fall and 2026 Spring Semester

Academic Year: 114 (Aug 2025~ Jul 2026)

Department: Department of Industrial Engineering and Management

Academic Degree: Bachelor of Science (BS in Industrial Engineering and Management)

(Approved by the Second Department Curriculum Committee on Mar 12,2025)

學分組合:講授時數–實習時數–學分數 Credit Format: Lecture Hours - Internship Hours - Total Credits）

經 114 年 3 月 12 日 113 學年度第 3 次系課程委員會議通過

Freshman		Sophomore		Junior		Senior	
1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester

校共同必修(含通識 12 學分，計 30 學分)
YunTech's Required Courses (including 12 credits of general course. 30 credits in total)

Freshman 1st	Freshman 2nd	Sophomore 1st	Sophomore 2nd	Junior 1st	Junior 2nd	Senior 1st	Senior 2nd
Physical Education 2-0-0	Physical Education 2-0-0	(興趣選項) Physical Education 2-0-0	(興趣選項) Physical Education 2-0-0				
(興趣選項) Literature and Innovation 2-0-2	(興趣選項) Literature and Innovation 2-0-2		(院融合) Artificial intelligence programming 2-0-2				
General Education 2-0-2	General Education 2-0-2	General Education 2-0-2	General Education 2-0-2	General Education 2-0-2	General Education 2-0-2		
Practicum in English Communication（Ⅰ） 0-2-1	Practicum in English Communication（Ⅱ） 0-2-1	English Presentation and Writing（Ⅰ） 2-0-2	English Presentation and Writing（Ⅱ） 2-0-2	Career English 2-0-2			
Guidelines for career development 1-0-1	Sustainability Literacy and Practice 1-0-1						
7-2-6	7-2-6	6-0-4	8-0-6	4-0-4	4-0-4		

院共同必修(計 14 學分) College's Required Course (Total 14 credits)

Freshman 1st	Freshman 2nd	Sophomore 1st	Sophomore 2nd	Junior 1st	Junior 2nd	Senior 1st	Senior 2nd
Economics（Ⅰ） 3-0-3	Accounting 3-0-3					Business Ethics 2-0-2	
Management Theory 3-0-3		Statistics（Ⅰ） 3-0-3					
6-0-6	3-0-3	3-0-3				2-0-2	

系專業必修(計 63 學分) Department's Required Course (Total 63 credits)

Freshman 1st	Freshman 2nd	Sophomore 1st	Sophomore 2nd	Junior 1st	Junior 2nd	Senior 1st	Senior 2nd
Physics 3-0-3	Object-Oriented Programming Design 3-0-3	Systems Analysis and Design 3-0-3	Statistics（Ⅱ） 3-0-3	Production Management 3-0-3	Senior Design（Ⅰ） 0-2-1	Special Practicing Project（Ⅱ） 0-2-1	
Introduction to Computer Science	Object Oriented Programming	Operations Research（Ⅰ）	Operation Research（Ⅱ）	Quality Management 3-0-3	Intelligent Manufacturing 2-2-3		

3-0-3	Design Practices 0-2-1	3-0-3	3-0-3				
Introduction to Computer Practice 0-2-1	Calculus（Ⅱ） 3-0-3	Work Study 3-0-3	Facilities Planning 3-0-3	Engineering Economics 3-0-3	Introduction to Human Factor 3-0-3		
Calculus（Ⅰ） 3-0-3	Engineering Graphics 3-0-3	Work Study Practice 0-2-1	Facilities Planning Practice 0-2-1				
	Linear Algebra 3-0-3		Manufacturing Process 3-0-3				
9-2-10	12-2-13	9-2-10	12-2-13	9-0-9	5-4-7	0-2-1	0-0-0

國立雲林科技大學 114 學年度工業工程與管理系大學部　專業選修　課程流程圖
(Approved by the Second Department Curriculum Committee on Mar 12,2025)

Freshman		Sophomore		Junior		Senior	
1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester

系專業選修(至少應修 29 學分，可含 12 學分外系選修課程)
Elective courses for Department (At least 29 credits；at most12 credits from other departments.)

Freshman 1st	Freshman 2nd	Sophomore 1st	Sophomore 2nd	Junior 1st	Junior 2nd	Senior 1st	Senior 2nd
	Organization and Management 3-0-3	Management Information Systems 3-0-3	Sustainable Production 3-0-3	Enterprise Resource Planning－Production Management Modules 2-2-3	Intelligent Warehouse and Materials Management 3-0-3	Global Smart Supply Chain Management 3-0-3	
		Management Thinking 3-0-3	System Simulation 2-2-3	Logistics Management 3-0-3	Introduction to Big Data Analysis 3-0-3	Management Practices 3-0-3	
		Decision Analysis 3-0-3	Reliability Management 3-0-3	Sustainable Business Management 3-0-3	Electronic Business 3-0-3	Managerial Psychology 3-0-3	
			Database Design and Web Programming 3-0-3	Industrial Environment and Safety 3-0-3	Cost Accounting 3-0-3	Industry Internship（Ⅰ） 1-8-5	
			Introduction to Hospital Management 3-0-3	Introduction to Research Methods for Behavioral 3-0-3	Continuous Improvement Program 3-0-3	Industry Internship（Ⅱ） 0-8-4	
			Introduction to Intelligent Agriculture(I) 3-0-3	Software Packages for Statistical Analysis 3-0-3	Lean Production Systems 3-0-3	Introduction to Health Care Administration 3-0-3	
				Programming and Implementation for Internet of Thing 3-0-3			
				VBA Macros Programming and Application 2-2-3			
				Healthcare Management 3-0-3			
				Intelligent			

Farm Management
3-0-3
Quality Engineering
3-0-3

Minimum graduation credits: 136 credits 本系大學部最低畢業學分數為 136 學分

備　註：
(一)必選修規定：
　「管理實務」為大學部必選課程，凡修習【產業實務實習】課程者本課程得免修；非經同意其他各班及外系學生不得選修。
(二)外系選修及相關學分認列：
1. 外系選修學分至多承認 12 學分。
2. 學生得於本校跨院系所學程中擇一修習(教育學程及英語菁英學程除外)，凡符合該學程之課程修習規定認可之學分，均認列為外系選修學分。
　修畢學程者，至多承認 24 學分；未修畢學程或未申請學程者，其外系選修學分至多承認 12 學分。
3. 不列計畢業學分：教育學程、英語菁英學程、體育選修、全民國防軍事教育訓練、碩士在職專班課程、超修通識課程。另外，通識課程僅認列語文課程。
4. 學生修讀碩士一般生課程，至多可承認 2 門(6 學分)，凡學分認列於大學部畢業學分者，研究所不得重複認列。
5. 如有相關認列疑義，請隨時向系辦公室確認，以避免因認列問題造成學分數不足。
6. 學生修習進修部課程，必須是本系課程流程圖以外之課程，方得承認為外系選修學分，如果修習本系課程流程圖之課程，不認列為本系畢業學分。
7. 管院大一必修「管理學」如需重補修者，僅限選修工管系開的「管理學」。