

南開科技大學 113學年度入學 科技學院 電機與資訊技術系 進修部(假日班)二技 課程總表

Nankai University of Technology Course Catalog for the 113th Academic Year, College of Science and Technology, Department of Electrical and Information Techology, Continuing Education Division, Two-Year Program

類別 Class	一年級(113) First Year					二年級(114) Second Year				
	科目 Subjects	一上 Fall		一下 Spring		科目	二上 Fall		二下 Spring	
		學分 Credits	時數 Hours	學分 Credits	時數 Hours		學分 Credits	時數 Hours	學分 Credits	時數 Hours
共同必修 Common Compulsory Courses	實用英文 Practical English	2	2			生活通識(三) General Life Knowledge(3)	2	2		
	生活通識(一) General Life Knowledge(1)	2	2			生活通識(四) General Life Knowledge(4)			2	2
	實用中文 Practical Chinese			2	2					
	生活通識(二) General Life Knowledge(2)			2	2					
	小計 Subtotal	4	4	4	4	小計 Subtotal	2	2	2	2
系專業必修 Departmental Required Courses	工程數學 Engineering Mathematics	3	3			可程式控制器實習(一) Programmable Logic Controller Practice (1)	3	3		
	電路學 Circuit Analysis	3	3			電動車技術概論 Introduction to Electric Vehicle Technology	3	3		
	電子學 Electronics			3	3	電機機械 Electric Machinery			3	3
	微處理機與實習 Microprocessor and Internship			3	3					
	小計 Subtotal	6	6	6	6	小計 Subtotal	6	6	3	3
系專業選修 Departmental Elective Courses	節約能源概論 An overview of energy conservation	3	3			發變電工程 Power Generation & Transform Engineering	3	3		
	電機應用實務 Practical application of electrical engineering	3	3			高壓配電工程 High voltage power distribution engineering	3	3		
	資訊應用實務 Practice of Information Application	3	3			MATLAB程式設計與應用 MATLAB programming and application	3	3		
	程式設計 Computer Programming	3	3			電力電子學 Power Electronics	3	3		
	工業配線 Industrial Wiring	3	3			電動車充電與電池技術 Electric vehicle charging and battery technology	3	3		
	綠色能源應用 Green energy	3	3			動態網頁設計 Dynamic Website Design	3	3		
	證照實務(一) License Examination Practice (1)	3	3			證照實務(三) License Examination Practice (3)	3	3		
	電力系統 Power System			3	3	電能監控系統 Designing and Application of Web Based Supervisory Control			3	3
	硬體描述語言程式設計 Hardware Description Language Programming			3	3	機電整合實務 Mechatronic System Practice			3	3
	電機實務設計 Design of Distribution Power System			3	3	車聯網技術應用 Vehicle to Everything Technology Application			3	3
	電腦輔助電路設計 Computer Aided Circuit Design			3	3	生涯規劃 Life-Career Planning			3	3
	工業電子學 Industrial Electronics			3	3	多媒體實務 Multimedia practice			3	3

	電腦輔助繪圖 Computer Aided Drawing			3	3	可程式控制器實習(二) Programmable Logic Controller Practice (2)			3	3
	水電實務 Electrician Practice			3	3	太陽光電實務 Solar photovoltaic practice			3	3
	證照實務(二) License Examination Practice (2)			3	3	證照實務(四) License Examination Practice (4)			3	3
	小計 Subtotal	9	9	9	9	小計 Subtotal	9	9	12	12
	合計 Total	19	19	19	19	合計 Total	17	17	17	17

附註：
Note:
1.本表113學年度進修部二技入學新生適用。
1.This curriculum is applicable to students of Continuing Education of the two-year technical program admitted for the academic year 2024.
2.最低畢業總學分為72學分，其中共同必修12學分、**專業必修21學分，其餘39學分為選修學分**。非本系所開科目之選修學分數，至多承認9學分為畢業學分。
2.The minimum credits for graduation is 72. This includes 12 credits courses required by the university and general education courses, “21” credits for department required courses, and the remaining “39” credits for elective credits. A maximum of 9 credits of elective credits from non-departmental elective courses will be recognized as graduation credits.
3.本表業經系課程委員會(113.03.25)、學院課程委員會(113.04.02)、校課程委員會 (113.04.09)審議通過。
3.This curriculum list has been reviewed and approved by the Department Curriculum Committee (2024.03.25), College Curriculum Committee (2024.04.02), and University Curriculum Committee (2024.04.09).