

中信科技大學 四年制 冷凍空調與能源系 日間部 課程規劃表(適用114學年度新南向專班)
 CTBC University of Technology Curriculum of Refrigeration Air Conditioning and Energy Department for Four-Year Bachelor's Degree Program

[illegible]

Courses	簡報製作與表達 Presentation Production and Presentation					2/ 2			
	電工學 Electricity Engineering					2/ 2			
	空調工程與設計 Air Conditioning Engineering and Design						2/ 2		
	冷凍空調自動控制 Automatic Control of Refrigeration and Air Conditioning						2/ 2		
	校外實習(1) Off-Campus Training(1)			6/					
	校外實習(2) Off-Campus Training(2)				6/				
	校外實習(3) Off-Campus Training(3)					6/			
	小 計Subtotal	4/ 4	2/ 2	12/ 6	14/ 8	14/ 8	4/ 4	0/ 0	0/ 0
	數學演練習作 Math exercises	2/ 2							
	生活物理 physics of life		2/ 2						
	工業安全衛生 Industrial Safety and Hygiene			2/ 2					
	基礎冷凍空調裝修實習 Basic Practice of Refrigeration and Air Conditioning			4/ 4					
	半導體概論 Introduction to Semiconductors			2/ 2					
	感測與量測原理 Sensing and measurement principles				2/ 2				
	電力電子學 Power Electronics				2/ 2				
	電器修護實習 Electrical Appliances Repair Practice				4/ 4				
	電腦軟體應用 Computer Software Application					2/ 2			
	可程式控制與實習 Programmable Logic Control and Practice					2/ 2			
	進階冷凍空調裝修實習 Maintenance & Practice of Refrigeration and Air Conditioning					4/ 4			
	電腦輔助冷凍空調繪圖 Computer Aided Refrigeration and Air Conditioning Drawing					2/ 2			
	太陽能工程 Solar Energy Engineering						2/ 2		
	風力發電 wind power						2/ 2		
	智慧生活應用與實習 Smart Life Application and Practice						4/ 4		

專業選修課程	通風工程 Ventilation Engineering						2/ 2		
	熱傳學 Heat Transfer						2/ 2		
	機電與能源實習 Practice of Mechatronics and Energy						2/ 2		
	空調設計實務 Design Practice of Air Conditioning							2/ 2	
	冷凍空調節能技術 Refrigeration and Air Conditioning Energy-Saving Technology							2/ 2	
	流體機械 Fluid Machinery							2/ 2	
	冷凍空調工程管理 Refrigeration and air conditioning engineering management							2/ 2	
	智慧能源管理技術 Smart Energy Management Technology							2/ 2	
	熱交換設計 Heat exchange design								2/ 2
	冷凍空調系統設計 Refrigeration and air conditioning system design								2/ 2
	電腦輔助空調系統分析 Computer Aided Air Conditioning								4/ 4
	物聯網應用與實習 Internet of Things Engineering and Network Analysis								2/ 2
	企業實務實習(1) Business Practice(1)						6/		
	企業實務實習(2) Business Practice(2)							6/	
	企業實務實習(3) Business Practice(3)								6/
	小 計Subtotal	2/ 2	2/ 2	8/ 8	8/ 8	10/ 10	20/ 14	16/ 10	16/ 10
	合 計Total	14/ 20	14/ 20	24/ 18	24/ 18	24/ 18	24/ 18	16/ 10	16/ 10

114 年09 月 16 日 校課程發展委員會會議通過

一、畢業總學分至少128學分：

The total number of credits completed to be eligible to graduate shall not be less than 128 credits.

1.校訂必修24學分(含華語基礎必修20學分、通識博雅必修4學分)。課程百分比 54%

The general required credits shall be 24 credits.(20 credits for required basic Chinese courses, and 4 credits for required liberal arts courses.)

2.專業必修50學分(系必修50學分)。

The professional required credits shall be 50 credits. (50 credits for required department courses)

3.系專業選修至少54學分。課程百分比46%

The professional elective credits shall be not less than 54 credits.

二、畢業門檻：Graduation Threshold