

HUNGKUANG UNIVERSITY

Department of Intelligent Technology and Application

International Profession Academic Year 2026, Four-Year Program (Day Division)(1+4)

Credits required for graduation by the Department: 128 credits										
General Education Courses		20 credits／20 hours								
Professional Compulsory Courses		58 credits／66 hours								
Elective Courses		50 credits／50 hours								
General Education Courses: 20 credits		First year	Second year		Third year		Fourth year		Fifth year	Note
		S.2	S.1	S.2	S.1	S.2	S.1	S.2	S.1	
Core	Human Spirit 人文精神		2/2							
Basic	Chinese reading and writing(I) 中文閱讀與書寫(一)		2/2							Language Education
	Chinese reading and writing(II) 中文閱讀與書寫(二)			2/2						
	English(I) 英文(一)		2/2							
	English(II) 英文(二)			2/2						
	Application Programming Design 應用程式設計	2/2								Information Education
	Introduction to Creativity 創意概論		2/2							Creative Education
	Physical Education 體育				2/2					Physical Education
Classification	Social Science Category 社會科學類					2/2				
	Liberal Arts 人文藝術類						2/2			
Subtotal		2/2	8/8	4/4	2/2	2/2	2/2	0/0	0/0	
Professional Compulsory Courses: 58credits		First year	Second year		Third year		Fourth year		Fifth year	Note
		S.2	S.1	S.2	S.1	S.2	S.1	S.2	S.1	
Artificial Intelligence Principles and Application Practice 人工智慧原理與應用實務		3/3								College Core
Introduction to Network 網路概論		3/3								
Practice of Unmanned Vehicle Operation 無人載具操作應用實務		3/3								
Python Programming Practice Python 程式設計實務		3/4								
WebPage Design			3/3							

網頁設計									
Python Practices Python 應用實務		3/4							
Digital Logic and Electronic Circuit 數位邏輯與電子電路		3/4							
Applied Mathematics 應用數學		3/3							
Electronic and Mobile Commerce 大數據分析實務			3/3						
C Programming Language and Programming Practices C 程式設計實務			3/4						
System Analysis and Design 系統分析與設計			3/3						
Machine Learning 機器學習				3/3					
Full-stack Web App Development (I) 全端網頁應用開發（一）				3/3					
Microprocessor Applications 微處理器應用				3/4					
Full-stack Web App Development (II) 全端網頁應用開發（二）					3/3				
Information and Network Security 資訊與網路安全					3/3				
Project(I) 專題(一)					1/2				
Deep learning Practice 深度學習實務						3/4			
Things Applications 物聯網應用設計實務						3/3			
Project(II) 專題(二)						1/2			
Information Ethics and Regulations 資訊倫理與規範							2/2		
Subtotal	12/13	12/14	9/10	9/10	7/8	7/9	2/2	0/0	

Elective Courses: 50 credits

1. The department offers 20 credits of electives from other departments, including a maximum of 6 credits for elective courses offered by the General Education Center (including a maximum of 4 credits for physical education courses).
2. According to the "Implementation Guidelines for the Information Competency Certification of the Department of Smart Technology Application at Hungkuang University of Technology," only those who meet the requirements are eligible for graduation.
3. Students must complete at least one academic program offered by the university to be eligible for graduation. The credits and grades earned will be included in the total credits and semester grades for each term.
4. National defense education and military training courses are not included in graduation credits.

5. In addition to completing the required graduation credits, students must meet other graduation requirements in accordance with the university regulations to be eligible for graduation.

115.03.18 系課程委員會通過

115.05.14 院課程委員會通過

115.05.26 校課程委員會通過