

HUNGKUANG UNIVERSITY

Department of Intelligent Technology and Application

Industry-Academic Cooperation Year 2023, Four-Year Program (Day Division)

Credits required for graduation by the Department: 128 credits										
General Education Courses		20 credits / 20 hours								
Professional Compulsory Courses		70 credits / 72 hours								
Elective Courses		38 credits / 38 hours								
General Education Courses: 20 credits		First year		Second year		Third year		Fourth year		Note
		S.1	S.2	S.1	S.2	S.1	S.2	S.1	S.2	
Core	Human Spirit 人文精神	2/2								
	Introduction to Creativity 創意概論			2/2						Creative Education
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
	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		8/8	4/4	4/4	4/4	0/0	0/0	0/0	0/0	
Professional Compulsory Courses: 70 credits		First year		Second year		Third year		Fourth year		Note
		S.1	S.2	S.1	S.2	S.1	S.2	S.1	S.2	
Introduction to Computer Science 計算機概論		3/3								
Python Programming Practice Python 程式設計實務		3/4								
Electronic Circuits Practices 電子電路實務		3/4								
Information Ethics and Regulations 資訊倫理與規範			2/2							
Introduction to Artificial Intelligence 人工智慧導論			3/3							
Introduction to Computer Network 電腦網路概論			3/3							
Web Programming 網頁程式設計			3/3							

Occupational Safety and Health and Industrial Management 職業安全衛生與工業管理			2/2						
Computer-Aided Manufacturing Practices 電腦輔助製造實務			3/3						
Introduction and Practice of Internet of Things 物聯網概論與實務			3/3						
Smart Manufacturing Practices 智慧製造實務				3/3					
Applications of Sensors 感測器實務				3/3					
Internship(I) 校外實習(一)					9/9				
Internship(II) 校外實習(二)						9/9			
Internship(III) 校外實習(三)							9/9		
Internship(IV) 校外實習(四)								9/9	
Subtotal	9/11	11/11	8/8	6/6	9/9	9/9	9/9	9/9	
Elective Courses: 38 credits									
1 · A minimum of 24 credits is required for major electives.									
2 · This department allows for up to 14 credits of electives from external departments.									