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②國玄東華大學

課 網 Course Outline

資訊工程學系國際組

中文課程名稱

	智慧物聯網技術與應用					
rse Name in	Intelligent IoT tech	nologies and	applications	S		
	CSIEM0530	班 別 Degree		碩士班 Master's		
	選修 Elective	學分數 Credit(s)	3. 0	時 數 Hour(s)	3. 0	
			,讓學生先行具	·備基本觀念,	並搭配各	
	·	• • • • • • • • • • • • • • • • • • • •	tives			
探究學科知識,善用專業技能 Explore academic knowledge, utilize professional skills.						
•	.,	communication	skills.			
系專業能力 Basic Learning Outcomes				力相關性 Correlati between (Objective Dept.'s	課程目標與系專業能 力相關性 Correlation between Course Objectives and Dept.'s Education Objectives	
統合資工知識技術之能力 A bility to integrate knowledge and technologies of computer science and information engineering.					•	
設計技術理論驗證實驗之能力 Ability to design and conduct science experiments and to validate hypotheses. ■					•	
C 資訊軟硬體設計開發之能力 Ability to design and develop computer software and hardware.					•	
		ojects.		0		
	T驗及產業案例讓學 探究學科知識中語 Exercise analyti 學習團隊分工,強 Participate in t 統合資工知識技術 Participate in t 統合資本 Ability to integ science and info 設計技術 to desig validate hypothe 資訊軟硬體設計開 Ability to desig wality to desig 图隊專案開發之能	Table 1	Intelligent IoT technologies and lish Intelligent IoT technologies and lish I代碼	Rese (文課程名稱 rse Name in lish 日代碼 rse Code (文字を Code (文を Code (文字を Code (文を Code (文字を Code	Intelligent IoT technologies and applications lish Intelligent IoT technologies of empty lish sater's lish lish lish lish lish lish lish lis	

Е	批判性思考與創新研發之能力 Ability of analytical thinking, creative research planning, and innovative development.				
圖方	圖示說明Illustration :● 高度相關 Highly correlated ○中度相關 Moderately correlated				
課程大綱 Course Outline					
- - - - - 2. 々 -	智慧物聯網介紹物聯網一感知層技術。物聯網一國知層技術。物聯網一網路層技術。物聯網一應用層技術。物聯網一應用層技術。物聯網一應用層技術。物聯網一應用層技術。物聯網雲端平台/物聯網感測器平台智慧物聯網實驗。植物套件感測器操作教學。植物照顧套件整合實作。農作物生長環境監測系統製作與開發。由間機器人資通訊整合應用				
資源需求評估(師資專長之聘任、儀器設備的配合・・・等) Resources Required (e.g. qualifications and expertise, instrument and equipment, etc.)					
課程要求和教學方式之建議					
Course Requirements and Suggested Teaching Methods					
	其他				
Miscellaneous					