人工智慧科技(EMI), 微學程

Artificial Intelligence Technology (EMI), Micro Certificate 配當年: 113學年度 IEE-G-MP-002 Admitted Academic Year: 2024

選修 Elective COME2034 PROGRAMMING WITH PYTHON 3 選修 Elective AUTO4030 AUTO5005 Elective 智慧製造 SMART MANUFACTURING 3 選修 Elective AUTO5005 Elective 最佳化理論 OPTIMIZATION THEORY 3 選修 Elective IEE6001 MACHINE LEARNING 3 選修 Elective IEF6002 PATTERN RECOGNITION 3 選修 Elective AUTO6003 高等數位信號處理 ADVANCED DIGITAL SIGNAL PROCESSING 3 選修 Elective IINE6005 百名 AUTO6006 是性新 DATA MINING: CONCEPTS, TECHNIQUES, AND APPLICATIONS 3 選修 Elective ELEN6008 日Ective 可靠性分析 ELECTIVE 3 選修 Elective ELEN6008 TIPMAL CONTROL 3 選修 Elective ELEN6022 TIPMAL CONTROL 3 基修 Elective ELEN6022 TIPMAL CONTROL 3	必選修 Required/ Elective	課程編碼 CourseID	科目名稱 Course name	學分 Credit
選修 ElectiveAUTO4030 SMART MANUFACTURING3ElectiveSMART MANUFACTURING3運修 ElectiveIEE6001 MACHINE LEARNING3運修 ElectiveIEE6002 MACHINE LEARNING3運修 ElectiveIEE6002 PATTERN RECOGNITION3運修 ElectiveAUTO6003 高等數位信號處理 ADVANCED DIGITAL SIGNAL PROCESSING3運修 ElectiveIINE6005 MACHINE CONCEPTS, TECHNIQUES, AND APPLICATIONS3運修 ElectiveAUTO6006 最佳控制 OPTIMAL CONTROL3運修 ElectiveELEN6008 FIECTIVE可靠性分析 RELIABILITY ANALYSIS3運修 ElectiveELEN6002 DESIGN AND DEPLOYMENT OF INTELLIGENT VISION SYSTEM3運修 ElectiveELEN6022 PAS統暫態分析 ELECTRICAL TRANSIENTS IN POWER SYSTEM3運修 ElectiveELEN6087 THIN-FILM TECHNOLOGY3運修 ElectiveEEEN6087 MICROWAVE MATERIAL AND ANALYSIS3ElectiveEEEN6087 MICROWAVE MATERIAL AND ANALYSIS3ElectiveEEEN6087 MICROWAVE MATERIAL AND ANALYSIS3ElectiveEEEN6087 MICROWAVE MATERIAL AND ANALYSIS3ElectiveSPECIAL TOPICS IN OPERATING SYSTEM3ElectiveSPECIAL TOPICS IN OPERATING SYSTEM3	選修	COME2034	Python程式設計	3
ElectiveSMART MANUFACTURING選修 ElectiveAUTO5005 最佳化理論 OPTIMIZATION THEORY3選修 ElectiveIEE6001 機器學習 MACHINE LEARNING3選修 ElectiveIEE6002 PATTERN RECOGNITION3ElectivePATTERN RECOGNITION3運修 ElectiveAUTO6003 ADVANCED DIGITAL SIGNAL PROCESSING3運修 ElectiveIINE6005 APPLICATIONS3運修 ElectiveAUTO6006 APPLICATIONS3運修 ElectiveELEN6008 OPTIMAL CONTROL3運修 ElectiveELEN6008 PRIMAL CONTROL3運修 ElectiveELEN6009 PRIMAL CONTROL3運修 ElectiveELEN6009 PRIMAL CONTROL3運修 ElectiveELEN6022 PRIMAL CONTROL3運修 ElectiveELEN6022 PRIMAL CONTROL3運修 ElectiveELEN6022 PRIMAL CONTROL3運修 ElectiveELEN6022 PRIMAL CONTROL3運修 ElectiveELEN6022 PRIMAL CONTROL3運修 ElectiveELEN6022 PRIMAL CONTROL3運修 ElectiveELEN6027 PRIMAL CONTROL3運修 ElectiveELEN6037 PRIMAL TECHNOLOGY3運修 運修 ELECTRICAL TRANSIENTS IN POWER SYSTEM3ElectiveMICROWAVE MATERIAL AND ANALYSIS運修 ElectiveELEN6087 PRIMAL CONTROL MICROWAVE MATERIAL AND ANALYSIS3ElectiveSPECIAL TOPICS IN OPERATING SYSTEM	Elective		PROGRAMMING WITH PYTHON	
選修 ElectiveAUTO5005 DPTIMIZATION THEORY最佳化理論 OPTIMIZATION THEORY3選修 ElectiveIEE6001 MACHINE LEARNING3選修 ElectiveIEE6002 PATTERN RECOGNITION3選修 ElectiveAUTO6003 ADVANCED DIGITAL SIGNAL PROCESSING3選修 ElectiveIINE6005 AUTO6006 DATA MINING: CONCEPTS, TECHNIQUES, AND APPLICATIONS3選修 ElectiveAUTO6006 DOPTIMAL CONTROL3選修 ElectiveELEN6008 RELIABILITY ANALYSIS3選修 ElectiveIEE6009 COMPUTER VISION3選修 ElectiveELEN6022 DESIGN AND DEPLOYMENT OF INTELLIGENT VISION SYSTEM3選修 ElectiveELECTRICAL TRANSIENTS IN POWER SYSTEM3選修 ElectiveEEEN6057 DESIGN AND DEPLOYMENT OF INTELLIGENT VISION SYSTEM3選修 ElectiveEEEN6057 DESIGN AND DEPLOYMENT OF INTELLIGENT VISION SYSTEM3		AUTO4030		3
ElectiveOPTIMIZATION THEORY選修IEE6001機器學習選修IEE6002型樣識別BlectiveAUTO6003高等數位信號處理BlectiveADVANCED DIGITAL SIGNAL PROCESSING選修IINE6005資料採勘與應用BlectiveDATA MINING: CONCEPTS, TECHNIQUES, AND APPLICATIONS選修AUTO6006最佳控制BlectiveOPTIMAL CONTROL選修ELEN6008可靠性分析 RELIABILITY ANALYSIS選修IEE6009計算機視覺 COMPUTER VISION選修ELEN6022智能影像辨識系統設計實務 Elective3BlectiveELEN6022智能影像辨識系統設計實務 ELECTRICAL TRANSIENTS IN POWER SYSTEM選修EEEN6045電力系統暫態分析 ELECTRICAL TRANSIENTS IN POWER SYSTEM選修EEEN6057薄膜技術 THIN-FILM TECHNOLOGY選修EEEN6087微波材料與分析 MICROWAVE MATERIAL AND ANALYSIS選修IECS7015作業系統特論 SPECIAL TOPICS IN OPERATING SYSTEM選修IECS7015作業系統特論 SPECIAL TOPICS IN OPERATING SYSTEM	Elective		SMART MANUFACTURING	
選修 ElectiveIEE6001 機器學習 MACHINE LEARNING3選修 ElectiveIEE6002 PATTERN RECOGNITION型樣識別 PATTERN RECOGNITION3選修 ElectiveAUTO6003 資料探勘與應用 ADVANCED DIGITAL SIGNAL PROCESSING3選修 ElectiveIINE6005 分ATA MINING: CONCEPTS, TECHNIQUES, AND APPLICATIONS3選修 ElectiveAUTO6006 GPIMAL CONTROL3選修 ElectiveELEN6008 RELIABILITY ANALYSIS3選修 ElectiveIEE6009 RELIABILITY ANALYSIS3選修 ElectiveELEN6022 DESIGN AND DEPLOYMENT OF INTELLIGENT VISION SYSTEM3選修 ElectiveEEEN6045 ELECTRICAL TRANSIENTS IN POWER SYSTEM3選修 ElectiveEEEN6057 薄膜技術 THIN-FILM TECHNOLOGY3選修 ElectiveEEEN6087 微波材料與分析 MICROWAVE MATERIAL AND ANALYSIS3選修 ElectiveEEEN6087 MICROWAVE MATERIAL AND ANALYSIS3選修 ElectiveEEC7015 MICROWAVE MATERIAL AND ANALYSIS3ElectiveSPECIAL TOPICS IN OPERATING SYSTEM3ElectiveSPECIAL TOPICS IN OPERATING SYSTEM		AUTO5005		3
Elective MACHINE LEARNING 選修 IEE6002 型樣識別 PATTERN RECOGNITION 選修 AUTO6003 高等數位信號處理 ADVANCED DIGITAL SIGNAL PROCESSING 選修 IINE6005 資料探勘與應用 DATA MINING: CONCEPTS, TECHNIQUES, AND APPLICATIONS 器修 Elective OPTIMAL CONTROL 選修 ELEN6008 可靠性分析 Elective ELEN6022 智能影像辨識系統設計實務 Elective COMPUTER VISION 選修 ELEN6022 智能影像辨識系統設計實務 Elective ELEN6025 電力系統暫態分析 Elective ELECTRICAL TRANSIENTS IN POWER SYSTEM 選修 EEEN6045 電力系統暫態分析 Elective ELEN6057 薄膜技術 Elective ELEN6087 微波材料與分析 Elective THIN-FILM TECHNOLOGY 選修 EEEN6087 微波材料與分析 Elective MICROWAVE MATERIAL AND ANALYSIS 基修 IECS7015 作業系統特論 SPECIAL TOPICS IN OPERATING SYSTEM 選修 IEC7017 人工智慧應用 3 3 3 3 3 3 3 3 3 4 5 5 6 6 6 6 7 7 8 7 8 8 8 8 8 8 8 8 8			77	
選修 ElectiveIEE6002型樣識別 PATTERN RECOGNITION3選修 ElectiveAUTO6003高等數位信號處理 ADVANCED DIGITAL SIGNAL PROCESSING選修 ElectiveIINE6005 DATA MINING: CONCEPTS, TECHNIQUES, AND APPLICATIONS3選修 ElectiveAUTO6006 DEECTIVE最佳控制 OPTIMAL CONTROL3選修 ElectiveELEN6008 Tâte Time Tâte Time<	. —	IEE6001		3
ElectivePATTERN RECOGNITION選修 ElectiveAUTO6003 ADVANCED DIGITAL SIGNAL PROCESSING選修 ElectiveIINE6005 APPLICATIONS資料探勘與應用 DATA MINING: CONCEPTS, TECHNIQUES, AND APPLICATIONS選修 ElectiveAUTO6006 B集性控制 OPTIMAL CONTROL3選修 ElectiveELEN6008 RELIABILITY ANALYSIS3選修 ElectiveIEE6009 COMPUTER VISION3選修 ElectiveELEN6022 DESIGN AND DEPLOYMENT OF INTELLIGENT VISION SYSTEM3選修 ElectiveEEEN6045 ELECTRICAL TRANSIENTS IN POWER SYSTEM3選修 ElectiveEEEN6057 Elective薄膜技術 THIN-FILM TECHNOLOGY3選修 ElectiveEEEN6087 MICROWAVE MATERIAL AND ANALYSIS3選修 ElectiveIECS7015 MICROWAVE MATERIAL AND ANALYSIS3選修 ElectiveIECS7015 SPECIAL TOPICS IN OPERATING SYSTEM3選修 ElectiveIEC7017 SPECIAL TOPICS IN OPERATING SYSTEM3				
選修 ElectiveAUTO6003 ADVANCED DIGITAL SIGNAL PROCESSING選修 ElectiveIINE6005 資料探勘與應用 DATA MINING: CONCEPTS, TECHNIQUES, AND APPLICATIONS選修 ElectiveAUTO6006 B健生控制 OPTIMAL CONTROL選修 ElectiveELEN6008 RELIABILITY ANALYSIS選修 ElectiveIEE6009 COMPUTER VISION選修 ElectiveELEN6022 DESIGN AND DEPLOYMENT OF INTELLIGENT VISION SYSTEM選修 ElectiveEEEN6045 ELECTRICAL TRANSIENTS IN POWER SYSTEM選修 ElectiveEEEN6057 Elective選修 EEEN6087 ElectiveEEEN6087 微波材料與分析 MICROWAVE MATERIAL AND ANALYSIS選修 ElectiveEESC7015 F業系統特論 SPECIAL TOPICS IN OPERATING SYSTEM選修 ElectiveIECS7015 F業系統特論 SPECIAL TOPICS IN OPERATING SYSTEM	, —	IEE6002		3
ElectiveADVANCED DIGITAL SIGNAL PROCESSING選修IINE6005資料探勘與應用3ElectiveDATA MINING: CONCEPTS, TECHNIQUES, AND APPLICATIONS選修AUTO6006最佳控制3ElectiveOPTIMAL CONTROL選修ELEN6008可靠性分析 RELIABILITY ANALYSIS3選修IEE6009計算機視覺 COMPUTER VISION3選修ELEN6022智能影像辨識系統設計實務 DESIGN AND DEPLOYMENT OF INTELLIGENT VISION SYSTEM3選修EEEN6045電力系統暫態分析 ELECTRICAL TRANSIENTS IN POWER SYSTEM選修EEEN6057薄膜技術 THIN-FILM TECHNOLOGY3選修EEEN6087微波材料與分析 MICROWAVE MATERIAL AND ANALYSIS3選修IECS7015作業系統特論 SPECIAL TOPICS IN OPERATING SYSTEM3選修IECS7015作業系統特論 SPECIAL TOPICS IN OPERATING SYSTEM3				
選修 ElectiveIINE6005 		AUTO6003		3
Elective DATA MINING: CONCEPTS, TECHNIQUES, AND APPLICATIONS 選修 AUTO6006 最佳控制 OPTIMAL CONTROL 選修 ELEN6008 可靠性分析 3 Elective RELIABILITY ANALYSIS 選修 IEE6009 計算機視覺 COMPUTER VISION 選修 ELEN6022 智能影像辨識系統設計實務 3 Elective DESIGN AND DEPLOYMENT OF INTELLIGENT VISION SYSTEM 選修 EEEN6045 電力系統暫態分析 3 Elective ELECTRICAL TRANSIENTS IN POWER SYSTEM 選修 EEEN6057 薄膜技術 3 Elective THIN-FILM TECHNOLOGY 選修 EEEN6087 微波材料與分析 3 Elective MICROWAVE MATERIAL AND ANALYSIS 選修 IECS7015 作業系統特論 3 Elective SPECIAL TOPICS IN OPERATING SYSTEM 選修 IEC7017 人工智慧應用 3				
選修 ElectiveAUTO6006 最佳控制 OPTIMAL CONTROL3 3 BELECTIVE3 3 BELECTIVE3 3 BELECTIVE3 3 3 BELECTIVE3 3 3 3 4 4 4 5 4 5 5 6 6 7 7 7 8 8 8 8 8 9 <b< td=""><td>, —</td><td>IINE6005</td><td></td><td>3</td></b<>	, —	IINE6005		3
選修 ElectiveAUTO6006 Elective最佳控制 OPTIMAL CONTROL3選修 ElectiveELEN6008 RELIABILITY ANALYSIS3選修 ElectiveIEE6009 COMPUTER VISION3選修 ElectiveELEN6022 DESIGN AND DEPLOYMENT OF INTELLIGENT VISION SYSTEM3選修 ElectiveEEEN6045 ELECTRICAL TRANSIENTS IN POWER SYSTEM3選修 ElectiveEEEN6057 薄膜技術 THIN-FILM TECHNOLOGY3選修 ElectiveEEEN6087 MICROWAVE MATERIAL AND ANALYSIS3選修 ElectiveIECS7015 SPECIAL TOPICS IN OPERATING SYSTEM3選修 ElectiveIEE7017 SPECIAL TOPICS IN OPERATING SYSTEM3	Elective		, , , , , , , , , , , , , , , , , , , ,	
ElectiveOPTIMAL CONTROL選修ELEN6008可靠性分析 RELIABILITY ANALYSIS選修IEE6009計算機視覺 COMPUTER VISION3選修ELEN6022智能影像辨識系統設計實務 DESIGN AND DEPLOYMENT OF INTELLIGENT VISION SYSTEM3選修EEEN6045電力系統暫態分析 ELECTRICAL TRANSIENTS IN POWER SYSTEM3選修EEEN6057薄膜技術 THIN-FILM TECHNOLOGY3選修EEEN6087微波材料與分析 MICROWAVE MATERIAL AND ANALYSIS3選修IECS7015作業系統特論 SPECIAL TOPICS IN OPERATING SYSTEM3選修IEE7017人工智慧應用3		A I ITTO (00)		
選修 ElectiveELEN6008可靠性分析 RELIABILITY ANALYSIS3選修 ElectiveIEE6009 COMPUTER VISION計算機視覺 COMPUTER VISION3選修 ElectiveELEN6022 DESIGN AND DEPLOYMENT OF INTELLIGENT VISION SYSTEM3選修 ElectiveEEEN6045 ELECTRICAL TRANSIENTS IN POWER SYSTEM3選修 ElectiveEEEN6057 所以方式 THIN-FILM TECHNOLOGY3選修 ElectiveEEEN6087 MICROWAVE MATERIAL AND ANALYSIS3選修 ElectiveIECS7015 MICROWAVE MATERIAL AND ANALYSIS3選修 ElectiveIECS7015 SPECIAL TOPICS IN OPERATING SYSTEM3選修IEE7017人工智慧應用3	, —	AU106006	· · · · · · · · · · · · · · · · · · ·	3
Elective RELIABILITY ANALYSIS 選修 IEE6009 計算機視覺 3 Elective COMPUTER VISION 選修 ELEN6022 智能影像辨識系統設計實務 DESIGN AND DEPLOYMENT OF INTELLIGENT VISION SYSTEM 選修 EEEN6045 電力系統暫態分析 Elective ELECTRICAL TRANSIENTS IN POWER SYSTEM 選修 EEEN6057 薄膜技術 3 Elective THIN-FILM TECHNOLOGY 選修 EEEN6087 微波材料與分析 3 Elective MICROWAVE MATERIAL AND ANALYSIS 選修 IECS7015 作業系統特論 Elective SPECIAL TOPICS IN OPERATING SYSTEM 選修 IEC7017 人工智慧應用 3		EL ENICOO		
選修 ELEN6022 智能影像辨識系統設計實務 3 DESIGN AND DEPLOYMENT OF INTELLIGENT VISION SYSTEM 選修 EEEN6045 電力系統暫態分析 3 ELECTRICAL TRANSIENTS IN POWER SYSTEM 選修 EEEN6057 薄膜技術 3 THIN-FILM TECHNOLOGY 選修 EEEN6087 微波材料與分析 3 MICROWAVE MATERIAL AND ANALYSIS 選修 IECS7015 作業系統特論 5 SPECIAL TOPICS IN OPERATING SYSTEM 選修 IEC7017 人工智慧應用 3	, —	ELEN0008	* * * * * * * * * * * * * * * * * * * *	3
Elective COMPUTER VISION 選修 ELEN6022 智能影像辨識系統設計實務 DESIGN AND DEPLOYMENT OF INTELLIGENT VISION SYSTEM 選修 EEEN6045 電力系統暫態分析 Elective ELECTRICAL TRANSIENTS IN POWER SYSTEM 選修 EEEN6057 薄膜技術 Elective THIN-FILM TECHNOLOGY 選修 EEEN6087 微波材料與分析 Elective MICROWAVE MATERIAL AND ANALYSIS 選修 IECS7015 作業系統特論 SPECIAL TOPICS IN OPERATING SYSTEM 選修 IEE7017 人工智慧應用 3		IEE6000		2
選修 ElectiveELEN6022智能影像辨識系統設計實務 DESIGN AND DEPLOYMENT OF INTELLIGENT VISION SYSTEM3選修 ElectiveEEEN6045電力系統暫態分析 ELECTRICAL TRANSIENTS IN POWER SYSTEM3選修 ElectiveEEEN6057薄膜技術 THIN-FILM TECHNOLOGY3選修 ElectiveEEEN6087微波材料與分析 MICROWAVE MATERIAL AND ANALYSIS3選修 ElectiveIECS7015作業系統特論 SPECIAL TOPICS IN OPERATING SYSTEM3選修IEE7017人工智慧應用3	, —	IEE0009		3
ElectiveDESIGN AND DEPLOYMENT OF INTELLIGENT VISION SYSTEM選修EEEN6045電力系統暫態分析 ELECTRICAL TRANSIENTS IN POWER SYSTEM選修EEEN6057薄膜技術 THIN-FILM TECHNOLOGY3選修EEEN6087微波材料與分析 MICROWAVE MATERIAL AND ANALYSIS3選修IECS7015作業系統特論 SPECIAL TOPICS IN OPERATING SYSTEM3選修IEE7017人工智慧應用3		EI EN6022		3
選修 EEEN6045 電力系統暫態分析 3 ELECTRICAL TRANSIENTS IN POWER SYSTEM 選修 EEEN6057 薄膜技術 3 Elective THIN-FILM TECHNOLOGY 3 MiCROWAVE MATERIAL AND ANALYSIS 選修 IECS7015 作業系統特論 3 SPECIAL TOPICS IN OPERATING SYSTEM 3 Elective IEE7017 人工智慧應用 3		ELEINO022		3
ElectiveELECTRICAL TRANSIENTS IN POWER SYSTEM選修EEEN6057薄膜技術 THIN-FILM TECHNOLOGY3選修EEEN6087微波材料與分析 MICROWAVE MATERIAL AND ANALYSIS3選修IECS7015作業系統特論 SPECIAL TOPICS IN OPERATING SYSTEM3選修IEE7017人工智慧應用3	Elective			
ElectiveELECTRICAL TRANSIENTS IN POWER SYSTEM選修EEEN6057薄膜技術 THIN-FILM TECHNOLOGY3選修EEEN6087微波材料與分析 MICROWAVE MATERIAL AND ANALYSIS3選修IECS7015作業系統特論 SPECIAL TOPICS IN OPERATING SYSTEM3選修IEE7017人工智慧應用3	 選修	EEEN6045	雷力系統暫態分析	3
ElectiveTHIN-FILM TECHNOLOGY選修EEEN6087微波材料與分析 MICROWAVE MATERIAL AND ANALYSIS選修IECS7015作業系統特論 SPECIAL TOPICS IN OPERATING SYSTEM選修IEE7017人工智慧應用		2221 (00.10		
ElectiveTHIN-FILM TECHNOLOGY選修EEEN6087 微波材料與分析 MICROWAVE MATERIAL AND ANALYSIS3選修IECS7015 作業系統特論 SPECIAL TOPICS IN OPERATING SYSTEM3選修IEE7017 人工智慧應用3	 選修	EEEN6057	薄膜技術	3
ElectiveMICROWAVE MATERIAL AND ANALYSIS選修IECS7015作業系統特論 SPECIAL TOPICS IN OPERATING SYSTEM選修IEE7017人工智慧應用				
ElectiveMICROWAVE MATERIAL AND ANALYSIS選修IECS7015作業系統特論 SPECIAL TOPICS IN OPERATING SYSTEM選修IEE7017人工智慧應用3	 選修	EEEN6087	微波材料與分析	3
Elective SPECIAL TOPICS IN OPERATING SYSTEM 3			MICROWAVE MATERIAL AND ANALYSIS	
	 選修	IECS7015	作業系統特論	3
	 選修	IEE7017	人工智慧應用	3
選修 IECS7024 人工智慧特論 3		IECS7024	人工智慧特論	3
Elective SPECIAL TOPICS IN ARTIFICIAL INTELLIGENCE	Elective		SPECIAL TOPICS IN ARTIFICIAL INTELLIGENCE	

人工智慧科技(EMI), 微學程

Artificial Intelligence Technology (EMI), Micro Certificate 配當年: 113學年度

IEE-G-MP-002

配富年·113學年度 Admitted Academic Year: 2024

取得資格總學分: 必修學分數: 選修學分數: 選修學分數: Elective credits: __9__

說明:

「各學制班別之授予學位修業規定,請參閱各系、所、學位學程之公告。」

The regulations for degree programs and requirements for graduation credits for each academic program and department can be found in the announcements of respective departments and degree programs.

管理單位: 資訊電機學院/資訊電機學院

Management Unit: College of Information and Electrical Engineering / College of Information and

Electrical Engineering