

115/1 Bilingual Education Courses (115 學年度第 1 學期雙語授課課程表)

*備註 Notes:

請注意各課程的開課學制，以確認該課程是否可納入畢業學分。

Please take note of each course's **course scheduling system (CSS)** to verify whether the course can be counted towards graduation credits.

開課學制縮寫代號如下：

CSS abbreviations are as follows:

1. 學士 (Bachelor, B) 2. 碩士 (Master, M) 3. 碩在職 (In-Service Master, IM) 4. 博士 (PhD, P)

5. 二專 (Junior College, J) 6. 二技 (Technical College, T)

No. 編號	Department 開課系所	Course Code 課號	Course Title 科目名稱	Required/ Elective 必修/ 選修	Credit Points 學分 數	Instructor 授課老師	Weekly 每週上課節次					Classroom 上課教室	Course Plan 課程 計畫
		CSS 開課 學制					Mon	Tue	Wed	Thu	Fri		
1	Doctoral Program in Electro-Optical and Materials Science, Department of Electro-Optical Engineering 光電工程系光電 與材料科技博士 班	2746	Optical Communication Networks 光纖通信網路	Elective 選修	3	Diksha Chauhan 迪克莎喬娜			2-4			(ATB0503), General Classroom 5F, Second Teaching Building 第二期教學大 樓 5F ATB0503 普通教室	<u>Course Plan</u>
		P											
2	Doctoral Program in Electro-Optical and Materials Science, Department of Electro-Optical Engineering 光電工程系光電	0142	Embeded systems 嵌入式系統	Elective 選修	3	Su, Hui-Kai 蘇暉凱	5-7					(BEE0402) Intelligent Electronic and Application Lab. 4F, Electrical Engineering Building	<u>Course Plan</u>
		P											

	與材料科技博士班											電機館 4F BEE0402 智慧電子應用實驗室	
3	Doctoral Program in Electro-Optical and Materials Science, Department of Electro-Optical Engineering 光電工程系光電與材料科技博士班	2740	Characterization of Semiconductor Materials and Devices 半導體材料與元件特性分析專論	Elective 選修	3	Ranjit A. Patil 藍吉特				2-4		(ATB0503), General Classroom 5F, Second Teaching Building 第二期教學大樓 5F ATB0503 普通教室	<u>Course Plan</u>
	P												
4	Doctoral Program in Mechanical and Electro-Mechanical Engineering, Department of Power Mechanical Engineering 動力機械工程系機械與機電工程博士班	2728	Dynamics of Multibody Systems 多體動力學	Elective 選修	3	Yunn-Lin Hwang 黃運琳	5-7					(BGA0760) Multi -Purpose Engineering Bldg., Reverse and Rapid Protoyping Lab.7F 綜合工程一館 7F BGA0760 逆向快速成型實驗室	<u>Course Plan</u>
	P												
5	Doctoral Degree Program in Smart Industry Technology Research and Development 智慧產業科技研發博士學位學程	2758	Writing of Scientific English Paper 科技英文論文寫作	Elective 選修	3	Abhishek Kumar 庫秉弦			7-9			(BGB0707), Professional Classroom 4, 7F, Engineering Building II 綜合工程二館 7F BGB0707 專業教室 4	<u>Course Plan</u>
	P												

6	International Master's Degree Program in Advanced Intelligent Conveyance 先進智慧載具國際碩士學位學程	0389	Fundamentals of Electric Vehicles: 電動車基礎知識：技術	Elective 選修	3	Abhishek Kumar 庫秉弦		5-7				(BGB0707), Professional Classroom 4, 7F, Engineering Building II 綜合工程二館 7F BGB0707 專業教室 4	Course Plan
		M											
7	International Master's Degree Program in Advanced Intelligent Conveyance 先進智慧載具國際碩士學位學程	0386	Semiconduct Physics and Devices for Optoelectronics 半導體物理與光電子元件	Elective 選修	3	Ranjit A. Patil 藍吉特				5-7		(BGB0301), Fluid Mechanics Laboratory 3F, Engineering Building II 綜合工程二館 3F BGB0301 流力實驗室	Course Plan
		M											
8	International Master's Degree Program in Advanced Intelligent Conveyance 先進智慧載具國際碩士學位學程	0387	Semiconductor Materials and Transistors 半導體材料與電晶體	Elective 選修	3	Diksha Chauhan 迪克莎喬娜					2-4	(BGB0301), Fluid Mechanics Laboratory 3F, Engineering Building II 綜合工程二館 3F BGB0301 流力實驗室	Course Plan
		M											
9	International Master's Degree Program in Advanced Intelligent Conveyance 先進智慧載具國際碩士學位學程	0388	Electronic devices and circuits 電子元件和電路	Elective 選修	3	Diksha Chauhan 迪克莎喬娜			7-9			(BGB0706), Professional Classroom 3, 7F, Engineering Building II 綜合工程二館 7F BGB0706 專業教室 3	Course Plan
		M											

14	Master's Program, Department of Mechanical Design Engineering 機械設計工程系 碩士班	0248	Mechanical Vibrations 機械振動學	Elective 選修	3	Hwang , Yunn-Lin 黃運琳						(BGA0760) Multi-Purpose Engineering Bldg., Reverse and Rapid Protoyping Lab.7F 綜合工程一館 7F BGA0760 逆向快速成型 實驗室	<u>Course Plan</u>
	M												
15	Master's Program in Mechanical and Electro-Mechanical Engineering 機械與機電工程 碩士班	0261	Heat Exchanger Design 熱交換器設計	Elective 選修	3	Abhishek Kumar 庫秉弦					2-4	(BGB0706), Professional Classroom 3, 7F, Engineering Building II 綜合工程二館 7F BGB0706 專業教室 3	<u>Course Plan</u>
	M												
16	In-Service Master's Program in Mechanical and Electro-Mechanical Engineering 機械與機電工程 碩士在職專班	0269	Computational Methods for Fluid Dynamics 計算流體力學	Elective 選修	3	Abhishek Kumar 庫秉弦					(Sat) 1-3	(BGB0305), Thermal Engineering Laboratory 3F, Engineering Building II 綜合工程二館 3F BGB0305 熱工實驗室	<u>Course Plan</u>
	IM												
17	Master's Program in Department of Automation Engineering 自動化工程系 碩士班	0050	Collaborative product design 協同產品設計	Elective 選修	3	Abhishek Kumar 庫秉弦					5-7	(BGA0330), Computer-Aided Engineering Laboratory 3F, Engineering Building I 綜合工程一館 3F BGA0330 電腦輔助工程	<u>Course Plan</u>
	M												

												實驗室	
18	Master's Program, Department of Automation Engineering 自動化工程系 碩士班	0048	Autonomous Unmanned Vehicle system 自動化無人載 具系統	Elective 選修	3	LEE, MENG -TSE 李孟澤	1-3					(BGA0340) First Assembly Building,3F Seminar Room 綜合工程一館 3F BGA0340 研討室	Course Plan
		M											
19	Master's Program, Department of Automation Engineering 自動化工程系 碩士班	0053	Intelligent Control 智慧型控制	Elective 選修	3	LEE, KUANG -CHYI 李廣齊					2-4	(BGA0530) First Assembly Building,5F Control Engineering Laboratory 綜合工程一館 5F BGA0530 控制工程實驗 室	Course Plan
		M											
20	Master's Program, Department of Automation Engineering 自動化工程系 碩士班	0047	Application for Digital Image Processing 數位影像處理 實務	Elective 選修	3	LEE, KUANG -CHYI 李廣齊					5-7	(BGA0530) First Assembly Building,5F Control Engineering Laboratory 綜合工程一館 5F BGA0530 控制工程實驗 室	Course Plan
		M											
21	Master's Program in department of Vehicle Engineering	0066	Advanced Computer-Aided Design	Elective 選修	3	FengTsai Weng 翁豐在		2-4				(BGB0201) Building 2, 2F: Vehicle Components and	Course Plan

	車輛工程系 碩士班	M	進階電腦輔助 設計									Systems Design Room 綜合二館 2F 車輛元件與系 統設計室	
22	Master's Program in Aeronautical and Electronic Engineering, Department of Aeronautical Engineering 飛機工程系航空 與電子科技 碩士班	0297	Aviation Safety 飛航安全	Elective 選修	3	Wang, Shih-Chia 王士嘉					2-4	(BGC0205) Classroom,2F. The 3rd Complex Building 綜合工程三館 2F BGC0205 專業教室	<u>Course Plan</u>
		M											
23	Master's Program in Aeronautical and Electronic Engineering, Department of Aeronautical Engineering 飛機工程系航空 與電子科技 碩士班	0306	Certification and Quality Assurance in Aviation Industry 航空品保與驗 證	Elective 選修	3	Lin, Chung-Yan 林中彥			8-10			(BGC1003) Airframe System Lab. The 3rd Complex Building 綜合工程三館 10F BGC1003 飛機次系統實 習工場	<u>Course Plan</u>
		M											
24	Master's Program in Aeronautical and Electronic Engineering, Department of Aeronautical Engineering 飛機工程系航空 與電子科技 碩士班	0296	Advanced thermodynamics 高等熱力學	Elective 選修	3	Abhishek Kumar 庫秉弦	2-4					(BGC0804), Aeronautical Engineering Laboratory 8F, Engineering Building III 綜合工程三館 8F BGC0804 飛 機工程實驗室	<u>Course Plan</u>
		M											

25	Master's Program in Department of Electronic Engineering 電子工程系 碩士班	0083	Optoelectric energy device 光電能源元件	Elective 選修	3	Ranjit A. Patil 藍吉特					2-4	(ATA0401), General Classroom 4F, First Teaching Building 第一期教學大 樓 4F ATA0401 普通教室	Course Plan
		M											
26	Master's Program in Department of Electronic Engineering 電子工程系 碩士班	0082	Wireless communications 無線通訊	Elective 選修	3	Diksha Chauhan 迪克莎喬娜					5-7	(ATB0502), General Classroom 5F, Second Teaching Building 第二期教學大 樓 5F ATB0502 普通教室	Course Plan
		M											
27	Master's Program, Department of Computer Scienceand Information Engineering 資訊工程系 碩士班	0126	Big Data Analysis 巨量資料分析	Elective 選修	3	JIANG,JI-HAN 江季翰			2-4			(BGC0501) The 3rd Assembly Building 5F Basic electricity and professional certification Lab. 綜合工程三館 5F BGC0501 基本電學與證 照實驗室	Course Plan
		M											
28	Master's Program, Department of Computer Scienceand Information	0132	Machine Learning 機器學習	Elective 選修	3	LIN,WU-CHIEH 林武杰				5-7		(BGC0601) The 3rd Assembly Building 6F System Design	Course Plan

	Engineering 資訊工程系 碩士班	M										Lab. 綜合工程三館 6F BGC0601 系統設計實驗室	
29	Master's Program, Department of Computer Scienceand Information Engineering 資訊工程系 碩士班	0125	Technical Research Writing 科技論文寫作	Required 必修	3	TSAI, PO-HSIANG 蔡柏祥			5-7			(BGC0513) The 3rd Assembly Building 5F Bioinformatics Lab. 綜合工程三館 5F BGC0513 生物資訊實驗室	<u>Course Plan</u>
		M											
30	Master's Program, Department of Computer Scienceand Information Engineering 資訊工程系 碩士班	0127	Artificial Internet of Things 人工智慧物聯 網	Elective 選修	3	JIAN,MING-SHEN 簡銘伸			7-9			(BGC0501) The 3rd Assembly Building 5F Basic electricity and professional certification Lab. 綜合工程三館 5F BGC0501 基本電學與證 照實驗室	<u>Course Plan</u>
		M											
31	Master's Program, Department of Finance 財務金融系 碩士班	0032	Corporate Finance 公司理財	Required 必修	3	Wang, Jo-Yu 王若愚			6-8			Seminar Room II , Applied Arts, Sciences and Management Building 2F 文理暨管理大樓 2F MA0201 財金研討室 II	<u>Course Plan</u>
		M											

32	Master's Program, Department of Finance 財務金融系 碩士班	0033	Econometrics 計量經濟學	Required 必修	3	Tseng, Hsiou-Ying 曾秀英					2-4	(CHB0207) Certificate Center, Art and Humanity Building 2F 人文大樓 2F CHB0207 證照 中心	Course Plan
		M											
33	Master's Program, Department of Finance 財務金融系 碩士班	0040	Derivatives 衍生性金融商 品	Required 必修	3	Chang, Bi-Juan 張碧娟	2-4					(CMA0201) Seminar Room II, Applied Arts, Sciences and Management Building 2F 文理暨管理大 樓 2FCMA0201 財金研討室 II	Course Plan
		M											
34	Master's Program in Industrial Engineering and Management, Department of Engineering and Management 工業管理系工業 工程與管理碩士 班	0325	Quantitative Research Methodology 數量研究方法	Required 必修	3	Chao, Wei -Cheng 趙偉成				6-8		Seminar Room I (CMA0211) Applied Arts, Sciences and Management Building 2F 文理暨管理大 樓 2F CMA0212 專 業教室 II	Course Plan
		M											
35	Master's Program in Industrial Engineering and Management, Department of	0326	Simulation 模擬學	Elective 選修	3	Hu ,Chih -Hsiung 胡智熊				2-4		Business Intelligence Room (CMA0305) Applied Arts,	Course Plan

	Engineering and Management 工業管理系工業工程與管理碩士班	M										Sciences and Management Building 3F 文理暨管理大樓 3F CMA0305 企業智慧教室	
36	Master's Program in Business Management, Department of Business Administration 企業管理系經營管理碩士班	0357	Marketing Management 行銷管理	Elective 選修	3	Yi Hsu 徐怡			2-4			(CMA0206) Applied Arts, Sciences and Management Building 2F 文理及管理大樓 2F CMA0206 經營模擬與數據分析實驗室	<u>Course Plan</u>
		M											
37	Master's Program in Business Management, Department of Business Administration 企業管理系經營管理碩士班	0358	Corporate Financial Management 公司財務管理	Elective 選修	3	Chi-Lin Lu 呂麒麟			5-7			(CMA0209) Management of Entrepreneurial & Technology Lab., Applied Arts, Sciences and Management Building 2F 文理暨管理大樓 2F CMA0209 創業管理實驗室	<u>Course Plan</u>
		M											
38	Master's Program in Business Management, Department of	0360	Business Data Analysis 企業資料分析	Elective 選修	3	Liang, Chih-Chin 梁直青	5-7					(CMA0207) Applied Arts, Sciences and Management	<u>Course Plan</u>

	Business Administration 企業管理系經營管理碩士班	M										Building 2F 文理及管理大樓 2F CMA0207 電腦教室	
39	Master's Program in Business Management, Department of Business Administration 企業管理系經營管理碩士班	0373	Motivation and Leadership 激勵與領導	Elective 選修	3	Ching-Hsiang Liu 劉慶湘			2-4			(CMA0209) Management of Entrepreneurial & Technology Lab., Applied Arts, Sciences and Management Building 2F 文理暨管理大樓 2F CMA0209 創業管理實驗室	Course Plan
		M											
40	Master's Program in Business Management, Department of Business Administration 企業管理系經營管理碩士班	0374	Entrepreneurial Management 創業管理	Elective 選修	3	Yu-Chun Chen 陳鈺淳			2-4			(CMAB108) Applied Arts, Sciences and Management Building B1 文理及管理大樓 B1 三創學程專業教室(1)	Course Plan
		M											
41	Master's Program in Business Management, Department of Business Administration 企業管理系經營管理碩士班	0375	Marketing Research 行銷研究	Elective 選修	3	Chih-Huang Lin 林志皇			5-7			(CMA0208) Applied Arts, Sciences and Management Building 2F 文理及管理大樓 2F CMA0208 服務科學實驗室	Course Plan
		M											

[illegible]

46	Master's Program in Digital Contents and Creative Industries, Department of Multimedia Design 多媒體設計系數位內容創意產業碩士班	0182	Research Design Methods 研究方法特論	Required 必修	3	Shen Siu-Tsen 沈思岑		5-7				(CHB0305) Multimedia Design Studio, Art and Humanity Building 3F 人文大樓 3F CHB0305 多媒體設計實驗室	Course Plan
		M											
47	Master's Program, Department of Leisure and Recreation 休閒遊憩系碩士班	0202	Special Topics on Leisure Recreation and Tourism 休閒遊憩專論	Elective 選修	3	LIN, Chung-Hsien 林宗賢	5-7					(CMA0503) Applied Arts, Sciences and Management Building 5F 文理及管理大樓 5F CMA0503 碩一教室	Course Plan
		M											
48	Department of Electro-Optical Engineering 光電工程系	1083	Electro-optics Detection Technology 光電檢測	Elective 選修	3	Huang Hung-Ji 黃鴻基		8-9	1			(BGAB150) The 1rd Assembly Building B1 Classroom(2) 綜合工程一館 B1 預備教室二	Course Plan
		B											
49	Department of Vehicle Engineering 車輛工程系	1342	English for Specific Purposes 專業英文	Required 必修	2	Diksha Chauhan 迪克莎喬娜		2,3				(ATB0404), General Classroom 4F, Second Teaching Building 第二期教學大樓 4F ATB0404 普通教室	Course Plan
		B											

50	Department of Vehicle Engineering 車輛工程系	1354	English for Specific Purposes 專業英文	Required 必修	2	Diksha Chauhan 迪克莎喬娜	7,8					(ATB0404), General Classroom 4F, Second Teaching Building 第二期教學大樓 4F ATB0404 普通教室	Course Plan
		B											
51	Department of Vehicle Engineering 車輛工程系	1345	Automotive Transmission Principle and Practice 變速箱原理與實習	Elective 選修	2	Kumar / Chou,Kuo-Da 周國達			2-4			(DDF0101) Functional Building 1F DDF0101 Vehicle Integrated Plant 職能大樓 車輛綜合工廠	Course Plan
		B											
52	Department of Vehicle Engineering 車輛工程系	1357	Automotive Transmission Principle and Practice 變速箱原理與實習	Elective 選修	2	Kumar / Chou,Kuo-Da 周國達		2-4				(DDF0101) Functional Building 1F DDF0101 Vehicle Integrated Plant 職能大樓 車輛綜合工廠	Course Plan
		B											
53	Department of Vehicle Engineering 車輛工程系	1288	Programming Languages 計算機程式	required 必修	3	HorngYi Hsu 許弘毅			2-4			(BGB0201) Building 2, 2F: Vehicle Components and Systems Design Room 綜合二館 2F 車輛元件與系統設計室	Course Plan
		B											

54	Department of Vehicle Engineering 車輛工程系	1305	Programming Languages 計算機程式	required 必修	3	HorngYi Hsu 許弘毅		5-7				(BGB0201) Building 2, 2F: Vehicle Components and Systems Design Room 綜合二館 2F 車輛元件與系統設計室	Course Plan
		B											
55	Department of Electronic Engineering 電子工程系	0454	Electric Circuits 電子電路學	Required 必修	3	Liu, Yu-Sung 劉育松					2-4	Academic Building III ATC0404 第三期教學大樓 4F ATC0404 嵌入式系統實驗室	Course Plan
		T											
56	Department of Electronic Engineering 電子工程系	0407	Microprocessor and Practice 微處理機與實習	Required 必修	3	Liu, Yu-Sung 劉育松				2-4		Academic Building III ATC0404 第三期教學大樓 4F ATC0404 嵌入式系統實驗室	Course Plan
		J											
57	Department of Computer Science and Information Engineering 資訊工程系	2111	Data Structures (1) 資料結構(一)	Required 必修	3	JIANG,JI-HAN 江季翰				7-9		(BGC0513) The 3rd Assembly Building 5F Bioinformatics Lab. 綜合工程三館 5F BGC0513 生物資訊實驗室	Course Plan
		B											

58	Department of Computer Scienceand Information Engineering 資訊工程系	2096	Linux Practice Linux 實務	Required 必修	1	Yu, Yun-Shuai 游允帥				4-6		(BGC0513) The 3rd Assembly Building 5F Bioinformatics Lab. 綜合工程三館 5F BGC0513 生物資訊實驗室	Course Plan
		B											
59	Department of Computer Scienceand Information Engineering 資訊工程系	2149	Microprocessor 微處理機	Required 必修	3	CHEN,KUO-YI 陳國益					1-3	(BGC0601) The 3rd Assembly Building 6F System Design Lab. 綜合工程三館 6F BGC0601 系統設計實驗室	Course Plan
		B											
60	Department of Computer Scienceand Information Engineering 資訊工程系	2134	Operation Systems 作業系統	Required 必修	3	HUANG,SHIH-CHANG 黃世昌			5-7			(BRA0201) Technology Research center Smart Computing & Information Security Lab 科研大樓 2F BRA0102 智慧運算與資 訊安全實驗室	Course Plan
		B											
61	Department of Applied Foreign	1956	企業管理概論 Introduction to Business	Elective 選修	2	Chiu, Hui -Yun 邱慧昀			3-4			(AGR0301) Multi-function	Course Plan

	Languages 應用外語系	B	Administration									Auditorium 3F 紅樓 3F AGR0301 多功能演講廳	
62	Department of Applied Foreign Languages 應用外語系	2011	跨文化管理 Cross-Cultural Management	Elective 選修	2	Chiu, Hui -Yun 邱慧昀					5-6	(AGR0312) Multi-function Professional Room 3F 紅樓 3F AGR0312 多功能專業教室	<u>Course Plan</u>
		B											
63	Department of Applied Foreign Languages 應用外語系	2028	學術英文 English for Academic Purposes	Elective 選修	2	Wang, Chin-Huang 王清煌			3-4			(AGR0302) Multimedia Language Lab., Red Building 3F 紅樓 3F AGR0302 多媒體語言實驗室	<u>Course Plan</u>
		B											