

## English Courses of Engineering College for 2021 Fall Semester

Department	Course Title	Instructor	Credit
Dept. of Electrical Engineering (EE) & Department of Mechanical and Electro-Mechanical Engineering (MEM)	微積分 (一) CALCULUS(I)	羅春光 Chun-Kong Law	3
Dept. of Electrical Engineering (EE)	計算機概論 INTRODUCTION TO COMPUTERS	陳伯煒 Bo-Wei Chen	3
Dept. of Electrical Engineering (EE)	計算機程式 COMPUTER PROGRAMMING	魏家博 Chia-Po Wei	3
Dept. of Electrical Engineering (EE)	數位系統設計 DESIGN OF DIGITAL SYSTEMS	王朝欽 Chua-Chin Wang	3
Department of Mechanical and Electro-Mechanical Engineering (MEM)	圖學 GRAPHICS	王郁仁 Yu-Jen Wang	3
Department of Mechanical and Electro-Mechanical Engineering (MEM)	工程電腦程式 ENGINEERING COMPUTER PROGRAMMING	劉耿豪 K.H. Liu	3
Department of Mechanical and Electro-Mechanical Engineering (MEM)	應用力學 (一) APPLIED MECHANICS (I)	黃勝翊 H. S. Huang	3
Department of Mechanical and Electro-Mechanical Engineering (MEM)	電路學 ELECTRIC CIRCUIT THEORY	許煜亮	3
Department of Mechanical and Electro-Mechanical Engineering (MEM)	自動控制 AUTOMATIC CONTROL	嚴成文 Chen-Wen Yen	3
Department of Mechanical and Electro-Mechanical Engineering (MEM)	自動控制 AUTOMATIC CONTROL	彭昭暉 Jau-Woei Perng	3
Dept. of Computer Science and Engineering (CSE)	微積分 (一) CALCULUS (I)	程正傑 Cheng-Chieh Cheng	3

Dept. of Computer Science and Engineering (CSE)	物件導向程式設計 OBJECT-ORIENTED PROGRAMMING	克拉迪 Arijit Karati	3
Dept. of Computer Science and Engineering (CSE)	嵌入式系統程式設計 PROGRAMMING FOR EMBEDDED	希家史提夫 Steve W. Haga	3
Department of Photonics (DOP)	半導體物理 SEMICONDUCTOR PHYSICS	李炫錫 Hyeonseok Lee	3
Department of Photonics (DOP)	工程數學 (二) ENGINEERING MATHEMATICS (II)	林煒淳 Wei-Chun Lin	3
Dept. of Materials and Optoelectronic Science(MOES)	工程數學 (一) ENGINEERING MATHEMATICS(I)	陳致光 Chih-Kuang Chen	3
Dept. of Materials and Optoelectronic Science(MOES)	物理化學 PHYSICAL CHEMISTRY	邱政維 Kevin Chiou	3
Dept. of Materials and Optoelectronic Science(MOES)	高分子材料導論 INTRODUCTION TO POLYMER MATERIAL	曼哈迪 Ahmed Fikry Mohamed EL-Mahdy Admed	3
Dept. of Materials and Optoelectronic Science(MOES)	固態物理 SOLID STATE PHYSICS	呂德 Johann Lüder	3
Dept. of Materials and Optoelectronic Science(MOES)	工程英文寫作 ENGLISH TECHNICAL WRITING	邱政維 Kevin Chiou	3
<b>Undergraduate : 20</b>			

Department	Course Title	Instructor	Credit
Dept. of Electrical Engineering (EE) (Master's Program)	非線性系統 NONLINEAR SYSTEMS	李迪章 Ti-Chung Lee	3
Dept. of Electrical Engineering (EE) (Master's Program)	電力系統控制與穩定度 POWER SYSTEM CONTROL AND STABILITY	陳朝順 Chao-Shun Chen	3
Dept. of Electrical Engineering (EE) (Master's Program)	低功率系統設計 LOW-POWER SYSTEM DESIGN	李宗哲 Tzung-Je Lee	3

Dept. of Electrical Engineering (EE) (Master's Program)	腦機介面與大腦網路 BRAIN-COMPUTER INTERFACE AND BRAIN NETWORKS	曾乙立 Yi-Li Tseng	3
Department of Mechanical and Electro-Mechanical Engineering (MEM) (Master's Program)	計算流體力學及熱傳學 COMPUTATIONAL FLUID DYNAMICS & HEAT TRANSFER	鄭威利 Way Lee Cheng	3
Department of Mechanical and Electro-Mechanical Engineering (MEM) (Master's Program)	彈性力學 ELASTICITY	黃勝翊 H. S. Huang	3
Department of Mechanical and Electro-Mechanical Engineering (MEM) (Master's Program)	疲勞力學 MECHANICS OF FATIGUE	任明華 Ming-Hwa Jen	3
Department of Mechanical and Electro-Mechanical Engineering (MEM) (Master's Program)	可靠度工程與應用 RELIABILITY ENGINEERING AND APPLICATIONS	吳美玲 Mei-Ling Wu	3
Department of Mechanical and Electro-Mechanical Engineering (MEM) (Master's Program)	數位控制 DIGITAL CONTROL	彭昭暉 Jau-Woei Perng	3
Department of Mechanical and Electro-Mechanical Engineering (MEM) (Master's Program)	機器視覺 MACHINE VISION	程啟正 Chi-Cheng Cheng	3
Dept. of Computer Science and Engineering (CSE) (Master's Program)	科技英文寫作 ENGLISH TECHNICAL WRITING	希家史提夫 Steve W. Haga	3
Dept. of Computer Science and Engineering (CSE) (Master's Program)	高等編譯器製作 ADVANCED COMPILERS	希家史提夫 Steve W. Haga	3
Computer Science and Engineering (Master Program in Information Security)	抗量子密碼學應用 APPLICATIONS OF QUANTUM-RESISTANT CRYPTOGRAPHY	克拉迪 Arijit Karati	3

Computer Science and Engineering (Master Program in Information Security)	區塊鏈安全 BLOCKCHAIN SECURITY	克拉迪 Arijit Karati	3
Computer Science and Engineering (Master Program in Information Security)	密碼學 CRYPTOGRAPHY	徐瑞壕 Ruei-Hau Hsu	3
Dept. of Materials and Optoelectronic Science(MOES) (Master's Program)	高分子合成與反應 SYNTHESIS AND REACTIONS OF POLYMERS	曼哈迪 Ahmed Fikry Mohamed EL-Mahdy Ahmed	3
Dept. of Materials and Optoelectronic Science(MOES) (Master's Program)	波動光學 WAVE OPTICS	蘇威宏 Wei-Hung Su	3
Dept. of Materials and Optoelectronic Science(MOES) (Master's Program)	反應動力學 REACTION KINETICS	邱政維 Kevin Chiou	3
Dept. of Materials and Optoelectronic Science(MOES) (Master's Program)	軟質材料 SOFT MATERIALS	郭紹偉 Shiao-Wei Kuo	3
Dept. of Materials and Optoelectronic Science(MOES) (Master's Program)	電子顯微鏡於軟物質研究之應用 ELECTRON MICROSCOPY FOR SOFT MATERIALS	蔣酉旺 Yeo-Wan Chiang	3
Dept. of Materials and Optoelectronic Science(MOES) (Master's Program)	X光與電子能譜學 X-RAY AND ELECTRONIC ENERGY SPECTROSCOPY	呂德 Johann Lüder	3
Dept. of Materials and Optoelectronic Science(MOES) (Master's Program)	凝態理論 CONDENSED MATTER THEORY	林仕鑫 Shi-Hsin Lin	3
Dept. of Materials and Optoelectronic Science(MOES) (Master's Program)	低維度半導體科學 LOW-DIMENSIONAL SEMICONDUCTOR SCIENCE	杭大任 D. R. Hang	3

Dept. of Materials and Optoelectronic Science(MOES) (Master's Program)	生醫材料 BIOMATERIALS	陳致光 Chih-Kuang Chen	3
Dept. of Materials and Optoelectronic Science(MOES) (Master's Program)	有機半導體材料 ORGANIC SEMICONDUCTOR MATERIALS	羅承慈 Chen-Tsyr Lo	3
Department of Photonics (DOP) (Master's Program)	光電電磁學 (一) WAVES AND FIELDS IN OPTOELECTRONICS(I)	Chin-Ping Yu 于欽平	3
Department of Photonics (DOP) (Master's Program)	高速光電元件專題 SPECIAL TOPICS IN HIGH-SPEED OPTOELECTRONIC DEVICES	Yi-Jen Chiu 邱逸仁	3
Department of Photonics (DOP) (Master's Program)	有機光電材料原理及應用 THE PRINCIPLE AND APPLICATION OF ORGANIC OPTP-ELECTRONIC MATERIALS	黃文堯 Wen-Yao Huang	3
Department of Photonics (DOP) (Master's Program)	光電子學 OPTOELECTRONICS	朱安國 Ann-Kuo Chu	3
Department of Photonics (DOP) (Master's Program)	光電子元件應用 APPLICATIONS OF OPTOELECTRONIC DEVICES	李炫錫 Hyeonseok Lee	3
Department of Photonics (DOP) (Master's Program)	太陽能電池專題 SPECIAL TOPICS ON SOLAR CELLS	李炫錫 Hyeonseok Lee	3
Inst. of Environmental Engineering (IEE)	環境生物技術 ENVIRONMENTAL BIOTECHNOLOGY	張耿峻 Ken-Lin Chang	3
Inst. of Environmental Engineering (IEE)	環境電化學原理與技術 PRINCIPLE AND TECHNOLOGY OF ENVIRONMENTAL ELECTROCHEMISTRY	施育仁 Yu-Jen Shih	3
Inst. of Environmental Engineering (IEE)	大氣模式特論 SPECIAL TOPICS ON ATMOSPHERIC MODELS	彭彥彬 Yen-Ping Peng	3

Inst. of Environmental Engineering (IEE)	奈米科技與環境 NANOTECHNOLOGY AND ENVIRONMENT	黃柏榮 Po-Jung Huang	3
Inst. of Environmental Engineering (IEE)	英文論文寫作 TECHNICAL WRITING IN ENGLISH	林淵淙 Yuan-Chung Lin	3
Inst. of Communications Engineering (ICE) (Master's Program)	數位信號處理 DIGITAL SIGNAL PROCESSING	溫朝凱 Chao-Kai Wen	3
Inst. of Communications Engineering (ICE) (Master's Program)	錯誤更正碼 ERROR-CORRECTION CODING	陳彥銘 Yen-Ming Chen	3
Inst. of Communications Engineering (ICE) (Master's Program)	最佳化理論 OPTIMIZATION THEORY	新可夫 Keshav Singh	3
Inst. of Communications Engineering (ICE) (Master's Program)	無人機輔助通訊系統專題 INDEPENDENT STUDIES IN UAV-ASSISTED COMMUNICATIONS	新可夫 Keshav Singh	3
International Master's Program in Electric Power Engineering(IMEPE)	電力系統可靠度分析 POWER SYSTEM RELIABILITY ANALYSIS	艾慕明 M.A.Mohammed Manaz	3
International Master's Program in Electric Power Engineering(IMEPE)	電力系統動態模型建立與模擬 POWER SYSTEM DYNAMIC MODELING AND SIMULATION	艾慕明 M.A.Mohammed Manaz	3
International Master's Program in Electric Power Engineering(IMEPE)	電力與再生能源應用 APPLICATIONS OF ELECTRIC POWER AND RENEWABLE ENERGY	謝耀慶, 艾慕明, 李宗璘, 鄧人豪, 蘇健翔	3
International Master's Program in Electric Power Engineering(IMEPE)	電力電子轉換器 POWER ELECTRONICS CONVERTER	謝耀慶 Yao-Ching Hsieh	3
International Master's Program in Electric Power Engineering(IMEPE)	線性系統分析 LINEAR SYSTEM ANALYSIS	高崇堯 Chung-Yao Kao	3
International Master's Program in Electric Power Engineering(IMEPE)	電力系統運轉 POWER SYSTEM OPERATIONS	蘇健翔 Kin-Cheong Sou	3

International Master's Program in Telecommunication Engineering(IMPTE)	數位信號處理 DIGITAL SIGNAL PROCESSING	溫朝凱 Chao-Kai Wen	3
International Master's Program in Telecommunication Engineering(IMPTE)	錯誤更正碼 ERROR-CORRECTION CODING	陳彥銘 Yen-Ming Chen	3
International Master's Program in Telecommunication Engineering(IMPTE)	最佳化理論 OPTIMIZATION THEORY	新可夫 Keshav Singh	3
International Master's Program in Telecommunication Engineering(IMPTE)	高等通訊工程數學 ADVANCED MATHEMATICS IN COMMUNICATIONS ENGINEERING	新可夫 Keshav Singh	3
International Master's Program in Telecommunication Engineering(IMPTE)	無人機輔助通訊系統專題 INDEPENDENT STUDIES IN UAV-ASSISTED COMMUNICATIONS	新可夫 Keshav Singh	3
<b>Postgraduate : 51</b>			