

Master Class

Required / Elective	Subject ID	Subject Name		Credit	Hours	Year	Semester
Major Requirements	DEEP0597	書報討論(一)	SEMINAR(1)	2	2	1	1
Major Requirements	DEEP0598	書報討論(二)	SEMINAR(2)	2	2	1	2
College Electives	DEE00015	雲端前台架構與程式設計	CLOUD COMPUTING ARCHITECTURE AND PROGRAMMING(1)	3	3	1	1
College Electives	DEE00016	Arduino與Android程式設計	ARDUINO AND ANDROID PROGRAMMING	3	3	1	1
College Electives	DEE00017	共通核心職能	CORE KNOWLEDGE AND SKILL COMPETENCIES	2	2	1	1
College Electives	DEE00001	工程倫理	ENGINEERING ETHICS	2	2	1	2
College Electives	DEE00002	科技與人文	TECHNOLOGY AND HUMANITIES	2	2	1	2
College Electives	DEE00004	科技與管理	TECHNOLOGY AND MANAGEMENT	2	2	1	2
College Electives	DEE00011	積體電路測試實務	PRACTICE OF IC TESTING	3	3	1	2
College Electives	DEE00014	科技英文寫作	ENGLISH TECHNICAL WRITING	3	3	1	2
College Electives	DEE00018	嵌入式系統專題	SPECIAL TOPICS IN EMBEDDED SYSTEM	3	3	1	2
College Electives	DEE00019	雲端後台架構與程式設計	CLOUD COMPUTING ARCHITECTURE AND PROGRAMMING(2)	3	3	1	2
College Electives	DEE00020	低碳生活	LOW CARBON LIFE	2	2	1	2
Major Electives	DEEP0094	模糊控制	FUZZY CONTROL	3	3	1	1
Major Electives	DEEP0096	類神經網路	ARTIFICIAL NEURAL NETWORK	3	3	1	1
Major Electives	DEEP0097	數位影像處理	DIGITAL IMAGE PROCESSING	3	3	1	1
Major Electives	DEEP0123	數位信號處理	DIGITAL SIGNAL PROCESSING	3	3	1	1
Major Electives	DEEP0136	高等電機理論	ADVANCED ELECTRIC MACHINERY	3	3	1	1
Major Electives	DEEP0224	機器人學	ROBOTICS	3	3	1	1
Major Electives	DEEP0289	最佳化理論	OPTIMIZATION THEORY	3	3	1	1
Major Electives	DEEP0343	電力系統運轉	POWER SYSTEMS OPERATION	3	3	1	1
Major Electives	DEEP0380	隨機程序	STOCHASTIC PROCESSES	3	3	1	1
Major Electives	DEEP0381	高等控制理論	ADVANCED CONTROL THEORY	3	3	1	1
Major Electives	DEEP0382	線性系統理論	LINEAR SYSTEMS THEORY	3	3	1	1
Major Electives	DEEP0383	數位通訊	DIGITAL COMMUNICATIONS	3	3	1	1
Major Electives	DEEP0384	高等電磁學(一)	ADVANCED ELECTROMAGNETICS (1)	3	3	1	1
Major Electives	DEEP0407	系統晶片設計	SYSTEM ON A CHIP DESIGN	3	3	1	1
Major Electives	DEEP0414	電力電子專題	SPECIAL TOPICS ON POWER ELECTRONICS	3	3	1	1
Major Electives	DEEP0419	半導體化電力控制	POWER CONTROL WITH SEMICONDUCTOR DEVICES	3	3	1	1
Major Electives	DEEP0420	分散式電能系統	DISTRIBUTED ELECTRIC POWER SYSTEMS	3	3	1	1
Major Electives	DEEP0421	切換式電源供應器分析與設計	DESIGN AND ANALYSIS OF SWITCHING POWER SUPPLIES	3	3	1	1
Major Electives	DEEP0467	陶瓷材料及元件	CERAMIC MATERIALS AND COMPONENTS	3	3	1	1
Major Electives	DEEP0493	電子材料工程	ELECTRONIC MATERIALS ENGINEERING	3	3	1	1
Major Electives	DEEP0494	天線工程	ANTENNA ENGINEERING	3	3	1	1
Major Electives	DEEP0538	機器視覺	MACHINE VISION	3	3	1	1
Major Electives	DEEP0599	校外實習(一)	PRACTICUM OF OUTSIDE SCHOOL(1)	3	3	1	1
Major Electives	DEEP0603	生醫影像處理系統	ADVANCED BIOMEDICAL IMAGE PROCESSING SYSTEM	3	3	1	1
Major Electives	DEEP0615	生醫電子技術應用	MEDICAL ELECTRONICS TECHNOLOGY AND APPLICATION	3	3	1	1
Major Electives	DEEP0625	再生能源電力轉換系統	RENEWABLE ENERGY POWER CONVERTER SYSTEM	3	3	1	1
Major Electives	DEEP0630	高速電路設計	DESIGN OF HIGH SPEED CIRCUITS	3	3	1	1
Major Electives	DEEP0639	機械手臂模型化及控制	ROBOT MODELING AND CONTROL	3	3	1	1

