

◎類比電路與系統 Analog Circuit and Systems

領域名稱 Program	核心課程 Core Courses	大學部領域相關專業選修課程 Related Undergraduate Elective Courses	研究所相關課程 Related Graduate Courses
類比電路與系統 Analog Circuit and Systems	類比積體電路導論 Introduction to Analog Integrated Circuits	電磁波 Electromagnetic Wave 控制系統導論 Introduction to Control Systems 數位訊號處理導論 Introduction to Digital Signal Processing 半導體元件物理 Semiconductor Device Physics 電力電子導論 Introduction to Power Electronics 醫學工程導論 Introduction to Biomedical Engineering Research 感測與光電導論 Introduction to Sensor and Optoelectronics 混合信號積體電路導論 Introduction to Mixed-Signal Integrated Circuits 相關實驗課程Related Laboratory Course: 類比積體電路實驗 Integrated Circuit Lab	類比積體電路設計 Design and Applications of Analog Integrated Circuits 射頻積體電路設計 Radio Frequency Integrated Circuits Design 資料轉換積體電路 Data Conversion Integrated Circuits 功率積體電路 Power Integrated Circuit Design 毫米波電路與系統 Millimeter-wave Circuits and Systems 微波電路 Microwave Circuits 類比濾波器設計 Analog Filter Design 高頻電路設計與實驗 High-Frequency Circuits & Design Laboratory 生醫電子與系統 Bio-Medical Circuits and Systems 積體電路之靜電防護設計特論 Special Topic on ESD Protection Design in CMOS ICs