朝陽科技大學 091學年度第2學期教學大綱
Electronic Circuits 電子電路

當期課號	2623	Course Number	2623
授課教師	張原豪	Instructor	CHANG,YUEN HAW
中文課名	電子電路	Course Name	Electronic Circuits
開課單位	資訊工程系(四日)二A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	本課程的主要目的要讓學習者瞭解電子電路的基本分析與設計概念，包含以下內容：頻率響應分析、差動放大器、電流鏡、振盪器分析、回授電路、濾波器分析、功率放大器、CMOS邏輯族電路。	Objectives	The objective of this course is to develop a comprehensive understanding of the basic concepts involving the design and analysis of electronic circuits. The course outline is as follows：Frequency Response, Differential Amplifier, Current Mirror, Oscillator Circuit, Feedback Circuits, Filter, Power Amplifier and CMOS Logic Families.
教材	1. 使用黑板進行內容講述,分析,計算. 2. 指定課後作業習題,要求同學練習之. 3. 實施期中末考試.	Teaching Materials	1. Speack teaching 2. Pratice examples and assign homeworks 3. MidterM/Final exam
成績評量方式	1. 期中末考: 各30% 2. 平時考核: 20% 3. 平時作業: 20%	Grading	1. MidterM/Final exam: 30% for each 2. Learn attitute: 20% 3. Homework: 20%
教師網頁	_		
教學內容	1. 針對電子電路進階課程內容,進行講述教學. 2. 由於本課程爲研究所考試科目之一,故擬以升學考試爲其目標,進行課程內容總整理.計算題實際演練...等方式實施之. 3. 本學期所進行之期中及期末考題,擬以各國立大學之考古題爲主出題,以培養同學未來升學實戰之能力.	Syllabus	1. Advanced content of Micro Electronics 2. Since Micro Electronics is one of courses for applying graduate schools, the aim of teaching is ready to promote ability of design and analysis of electrical circuit. 3. The style of Midterm/Final exam is based on ones of the graduate entrance exam in national universities.

尊重智慧財產權，請勿非法影印。