

Electronic Circuits 2 Syllabus

2008 Fall

1. Overview

Course Number		Course Title	Credits	Schedule	Class room	Instructor
420.301A	001	Electronic Circuits 2	4	14:30~15:45(Tue, Thu)	301-102	Suhwan Kim
				Experiment 18:00~20:00(Tue)	301-310	

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2. Course Materials and Course Summary

Fundamentals of Microelectronics, Razavi, 1st Ed., Wiley, 2008

Based on the knowledge of the transistors and simple amplifier circuits treated in electronic circuit1, feedback circuit, frequency characteristic analysis, analog circuits like operational amplifier and ADC/DAC, and simple digital circuits are introduced in this course.

3. Grading

Mid-term exam	Final-term exam	Experiment	HW/Attendance/etc.
40%	20%	25%	15%

4. Lecture Plan

	Topics
1st week (9/1~9/5)	Chapter 10 Differential Amplifiers
2nd week(9/8~9/12)	Chapter 10 Differential Amplifiers
3rd week(9/15~9/19)	Chapter 11 Frequency Response
4th week(9/22~9/26)	Chapter 11 Frequency Response
5th week(9/29~10/3)	Chapter 12 Feedback
6th week(10/6~10/10)	Mid-term exam1
7th week(10/13~10/17)	Chapter 12 Feedback
8th week(10/20~10/24)	Chapter 13 Output Stages and Power Amplifiers
9th week(10/27~10/31)	Chapter 13 Output Stages and Power Amplifiers
10th week(11/3~11/7)	Chapter 14 Analog Filters
11th week(11/10~11/14)	Mid-term exam 2
12th week(11/17~11/21)	Chapter 14 Analog Filters
13th week(11/24~12/28)	Chapter 15 Digital CMOS Circuits
14th week(12/1~12/5)	Chapter 15 Digital CMOS Circuits
15th week(12/8~12/12)	Final-term exam

5. T.A.

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