

ETE 104 INTRODUCTION TO ELECTRONICS TECHNOLOGY 2010-2011, SPRING SEMESTER

Experiment No	Date			Experiment Number in Lab Manual*	Experiment Name
	Wednesday 1BH-A 10:30-12:20	Thursday 1BK-A 13:00-14:50 1BH-B 10:30-12:20	Friday 1BK-B 13:00-14:50		
—	23.02.11	24.02.11	25.02.11	—	Get ready for experiments Form a group and choose your group members (2 or 3 students) Copy the experiment sheets. Supply the required materials.
1	02.03.11	03.03.11	04.03.11	—	to become familiar with the lab equipments: Multimeter and dc power supply operation
2	09.03.11	10.03.11	11.03.11	2,6	Resistor Color Code and Measurement of Resistance Measurement of Direct Current
3	16.03.11	17.03.11	18.03.11	7,8	Ohm's Law, Series Circuit
4	26.03.11	24.03.11	25.03.11	11,12,14	Current in a Parallel Circuit Resistance of a Parallel Circuit Resistance of Series-Parallel Circuits
5	30.03.11	31.03.11	01.04.11	15, 16	Kirchhoff's Voltage Law, Kirchhoff's Current Law
—	06.04.11	07.04.11	08.04.11	—	Midterm exams
—	13.04.11	14.04.11	15.04.11		
6	20.04.11	21.04.11	22.04.11	10,17	Voltage-Divider Circuits (Unloaded) Voltage-Divider Circuits (Loaded)
7	27.04.11	28.04.11	29.04.11	30	Oscilloscope Operation
8	04.05.11	05.05.11	06.05.11	31	Signal Generator Operation
9	11.05.11	12.05.11	13.05.11	32, 33	Oscilloscope Voltage Measurement Peak, RMS and Average values of AC
10	18.05.11	19.05.11	20.05.11	—	Holiday
11	25.05.10	26.05.10	27.05.11	35	Oscilloscope Frequency and Phase Measurement
12	01.06.10	02.06.10	03.06.11	—	evaluation
13	08.06.10	09.06.10	10.06.11	—	Finals

***Basic Electricity:** A Text-Lab Manual by Paul B. Zbar, Gordon Rockmaker will be followed during the course.

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