

Electronics – Spring 2009

Jan 12 A Introduction, Student Information, Orientation to Lab Equipment, Experiment – Ohm’s Law	13 B	14 I	15 C Complete data collection for Ohm’s Law Experiment	16 D
19 ACADEMY CLOSED Martin Luther King, Jr. Day	20 A Experiment – Series & Parallel Circuits	21 B	22 C Series & Parallel Circuits KVL & KCL	23 D
26 A KVL & KCL Experiment – KVL & KCL	27 B	28 I	29 C Complete KVL and KCL experiment Experiment - Potentiometers	30 D
Feb 2 A Experiment – Bridge Circuits	3 B	4 I	5 C Bridge Circuits Introduction to Project #1	6 D
9 A Project #1 – Applying your knowledge	10 B 11-20	11 C Project #1	12 B 1-10 Project #1 – Applying your knowledge	13 Faculty Development
16 President’s Day	17 D Project #1	18 I	19 C Project #1	20 D
23 A Experiment – Capacitors Inquiry - Capacitors	24 B	25 I	26 C Inquiry - Capacitors	27 D
Mar 2 A Complete Inquiry - Capacitors Introduction to Oscilloscope & Signal Generator	3 B	4 I	5 C Experiment – Oscilloscope & Signal Generator	6 D
9 A Complete Oscilloscope & Signal Generator Experiment – Transient Analysis	10 B	11 C Introduction to semiconductor devices	12 Ds End 3rd Qtr	13 Extended Weekend

16 A Transistors	17 B	18 I	19 D Introduction to digital electronics Experiment – Basic Digital Gates	20 D
23 A Basic Digital Gates continued	24 B	25 I	26 C Experiment – D Flip Flops Experiment – JK Flip Flops	27 D
30 A Introduction to Project #2 (555 timers, operational amplifiers)	31 B	Apr 1 I	2 D Project #2 – Applying your knowledge	3 Cs
13 Spring Break	14 A Project #2 – Applying your knowledge	15 B	16 C Project #2	17 D
20 A Project #2	21 B	22 I	23 C Experiment – BCD-to-7 Segment Decoder Experiment – Up/Down Counter	24 D
27 A Experiment – Shift Registers	28 B	29 I	30 C Wrap up digital electronics Project #3 – Applying your knowledge	May 1 D
4 A Project #3	5 B	6 I	7 C Project #3	8 D
11 A Project #3	12 B	13 C	14 D Project #3	15 I
18 C Project #3	19 D	20 I	21 As Wrap up	22 Bs