

## Physics 517/617 Lecture Schedule

*All reading assignments in Meyer*

Date	Subject	Reading
Mar 29	Circuit analysis, Kirchoff's laws Thevenin and Norton equivalents Capacitors	Chapt. 1 Sections 1.1-1.6 Chapt. 2 Sections 2.1-2.7
Apr. 5	RC circuits, AC circuits	Chapt. 3 Sections 3.1-3.6
Apr. 12	Diodes Filters, Power supplies	Chapt. 4 Sections 4.1-4.6
Apr. 19	Transistor characteristics Transistor Amplifiers	Chapt. 5 Sections 5.1-5.2
Apr. 26	Transistor circuits	Chapt. 5 Sections 5.3
May. 3	Operational Amplifiers	Chapt. 6 Sections 6.1-6.5
May. 10	Digital Circuits	Chapt. 7 Sections 7.1-7.5,7.10
May. 17	Digital Circuits	Chapt. 7 Sections 7.6,7.8-7.11

## Physics 517/617 Laboratory Schedule

	Dates	Topic	Date Due (suggested)
Lab 1	3/30,4/1 4/6,4/8	Instrumentation and Resistors	4/11
Lab 2	4/13,4/15	R-L-C Circuits	4/18
Lab 3	4/20,4/22	Diodes and Transistors	4/25
Lab 4	4/27,4/29 5/4,5/6	Transistors and Amplifiers	5/9
Lab 5	5/11,5/13 5/18,5/20	Operational Amplifiers	5/23
Lab 6	5/24,5/25 5/27,6/1	Digital Circuits Microprocessor	6/4