

Physics 517/617 Lecture Schedule

All reading assignments in Scherz

Date	Subject	Reading
Mar 28	Circuit analysis, Kirchoff's laws Thevenin and Norton equivalents	Sections 2.1-2.19
Apr. 4	Capacitors RC circuits, AC circuits	Sections 2.23-2.23.7 Sections 2.20-2.21, 2.23-2.247, Sections 2.25-2.30.5
Apr. 11	Diodes Filters, Power supplies	Sections 4.1-4.2.7, 10.1
Apr. 18	Transistor characteristics Transistor Amplifiers	Sections 4.3.2
Apr. 26	Transistor circuits	Sections 4.3.2
May. 3	Operational Amplifiers	Sections 7-7.17
May. 9	Digital Circuits	Sections 12.1-12.4.8
May. 16	Digital Circuits	Sections 12.6-12.6.7 Sections 12.8, 12.10.5-12.13

Physics 517/617 Laboratory Schedule

	Dates	Topic	Date Due (suggested)
Lab 1	3/28,3/31 4/5,4/7	Instrumentation and Resistors	4/10
Lab 2	4/12,4/14	R-L-C Circuits	4/17
Lab 3	4/19,4/21	Diodes and Transistors	4/24
Lab 4	4/26,4/28 5/3,5/5	Transistors and Amplifiers	5/8
Lab 5	5/10,5/12 5/17,5/19	Operational Amplifiers	5/22
Lab 6	5/23,5/24 5/26,5/31	Digital Circuits Microprocessor	6/3

