

EECS70A Spring 2007 (Burke)

Distribution of topics dates subject to change.

Note: Discussion topics will be grouped as follows: W/Th/F will cover the lecture from the same week.

Week	Tuesday	Thursday
1	Introduction	Ch 1: Units, charge, current, voltage, power, sources (batteries). Pp 3-23
2	Ch 2: Resistance, resistivity, conductance, conductivity, Ohm's law pp. 29-35	Kirchoff laws; series/parallel resistance pp. 37-52
3	Ch 3 Meters, Kramers rule, linear algebra, Nodal/mesh analysis pp. 81-100	Midterm #1 (Covers ch. 1)
4	Nodal/mesh analysis (continued)	Ch. 4 Thevinin/Norton Theorems, power transfer pp. 147-152
5	continued	Ch. 5 Op Amps pp. 176-194
6	continued	Ch6 Capacitors/Inductors series/parallel pp. 215-241
7	continued	Ch 7 RC, RL circuits pp. p254-284
8	continued	Ch 8 RLC circuits pp 314-344
9	Midterm #2	continued
10	Ch 9 Sinusoids and phasors pp. 369-402	continued
Finals	COURSE FINAL EXAM	