

ECE 3710 G/H Schedule Spring 2004

Jan	6	Syllabus, Notation, Physics (Ch. 1)
	8	Physics (Ch. 1), Kirchoff's and Ohm's Laws (Ch. 2)
	13	Equivalent Resistances, Dividers (Ch. 2,3)
	15	Linearity and Superposition (Ch. 3)
	20	Node-Voltage and Mesh Current Analysis (Ch. 3)
	22	Thevinin and Norton Equivalent Circuits (Ch. 3)
	27	Review
	29	Exam #1
Feb	3	Reactive Components and First-Order Circuits (Ch. 5)
	5	Complex Numbers/Plane/Arithmetic (Ch. 6)
	10	Phasors and Impedances (Ch. 6,7)
	12	AC Circuits (Ch. 7)
	17	AC Circuits, Filters (Ch. 7)
	19	Filters (Ch. 7), Audio Systems (Ch. 12)
	24	Review
	26	Exam #2
Mar	2	AC Power (Ch. 9)
	4	Transformers (Ch. 9)
	8-12	Spring Break
	16	Semiconductors, Diodes (Ch. 10)
	18	BJTs, SS Amplifier (Ch. 11)
	23	Operational Amplifiers (Ch. 13)
	25	Practice problems, Examples
	30	Review
Apr	1	Exam #3
	6	Number Systems, Counting, Logic (Ch. 15)
	8	Logic and Combinational Digital Systems (Ch. 15)
	13	D Flip-Flops and Sequential Logic (Ch. 15)
	15	Combined Digital Systems (Ch. 15)
	20	Practice Problems, Examples
	22	Review
	27	Exam #4