

PHYS 235 Spring 2009

Schedule for Unit 2: Analog Circuits with Active Elements & Introduction to Digital Electronics

Date	Topic	Suggested Problems
Feb. 12	Lecture 8 — More on Diodes; Intro. to Transistors Lab 8 — Electronic Switches & LEDs	44–55
Feb. 17	Lecture 9 — Transistors Lab 9 — Transistor Amplifiers	56–58
Feb. 19	Lecture 10 — Introduction to Op-amps; Negative Feedback Lab 10 — Introduction to Op-Amps (Simple Amplifiers)	59–74
Feb. 24	Lecture 11 — General Amplifier Theory Lab 11 — Op-Amp Applications I	59–74
Feb. 26	Lecture 12 — Non-ideal Op-Amps; Complex Feedback Lab 12 — Op-Amp Applications II	59–74
Mar. 3	Lecture 13 — Introduction to Digital Electronics Lab 13 — Intro. to Digital Electronics; Gates & Flip-flops	75–84
Mar. 5	Exam II	