

ECE 331: Electronics Principles I
Fall 2011
Laboratory Schedule

Week of	Lab Schedule
Aug. 22	Lab 0, Week 1: Introduction to Cadence
Aug. 29	Lab 0, Week 2: Introduction to Laboratory Measurements
Sept. 5	<i>Note:</i> Monday lab is postponed to Friday, Sept. 9, at the same time
Sept. 5	Lab 1, Week 1: Diodes - Component Simulation
Sept. 12	Lab 1, Week 2: Diodes - Use in circuits
Sept. 19	Lab 2, Week 1: MOSFETs - Simulation
Sept. 26	No Labs: Midterm 1 on Wed, Sept. 28, 5:00-7:00pm
Oct. 3	Lab 2, Week 2: MOSFETs - Measurements
Oct. 10	Lab 3, Week 1: Layout - Design Rules / Connectivity Verification
Oct. 17	Lab 3, Week 2: Layout - Parasitics and Extraction
Oct. 24	Lab 4, Week 1: Amplifiers - Single stage (CS, CD, and CG)
Oct. 31	Lab 4, Week 2: Amplifiers – Cascode
Nov. 7	No Labs: Midterm 2 on Wed, Nov. 9, 5:00-7:00 pm
Nov. 14	Lab 5, Week 1: Current Mirrors – Basic
Nov. 21	Fall Recess, a.k.a. Thanksgiving Break
Nov. 28	Lab 5, Week 2: Current Mirrors - Advanced Designs
Dec. 5	No Labs: Study for Final Exams
Dec. 12	Final Exam on Mon., Dec. 12, 4:10-6:10 pm in Wagar 232 (Finals are scheduled by CSU Registrar and not by the faculty.)

(See back for lab due dates.)

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Laboratory Due Dates

Due Day(s)	Due Date(s)	Prelab or Report	Due Time
Mon.	Aug. 22	Labs Start	
Tues.	Sept. 6-9	Lab 0 Report	Due at the start of your registered lab period
Tues.	Sept. 6	Lab 1 Prelab	(Monday is a University Holiday)
Mon. – Wed.	Sept. 19-21	Lab 1 Report	Due at the start of your registered lab period
Mon.	Sept. 19	Lab 2 Prelab	Due at noon for all lab sections
Mon. – Wed.	Oct. 10-12	Lab 2 Report	Due at the start of your registered lab period
Mon.	Oct. 10	Lab 3 Prelab	Due at noon for all lab sections
Mon. – Wed.	Oct. 24-26	Lab 3 Report	Due at the start of your registered lab period
Mon.	Oct. 24	Lab 4 Prelab	Due at noon for all lab sections
Mon. – Wed.	Nov. 14-16	Lab 4 Report	Due at the start of your registered lab period
Mon.	Nov. 14	Lab 5 Prelab due	Due at noon for all lab sections
Mon. – Wed.	Dec. 5-7	Lab 5 Report	Due at the start of your registered lab period