

# Physics 1402 Lab Schedule

## Fall 2009

Week	Mon	Tue	Wed	Thu	Fri	Sat
1	Aug-24 Orientation	Aug-25 Orientation	Aug-26 Orientation	Aug-27 Orientation	Aug-28 Orientation	Aug-29 Orientation
2	Aug-31 Lab 1	Sep-1 Lab 1	Sep-2 Lab 1	Sep-3 Lab 1	Sep-4 Lab 1	Sep-5 Lab 1
3	Sep-7 <b>No Lab</b> (holiday)	Sep-8 Lab 2	Sep-9 Lab 2	Sep-10 Lab 2	Sep-11 Lab 2	Sep-12 Lab 2
4	Sep-14 Lab 2	Sep-15 Lab 3	Sep-16 Lab 3	Sep-17 Lab 3	Sep-18 Lab 3	Sep-19 Lab 3
5	Sep-21 Lab 3	Sep-22 Lab 4	Sep-23 Lab 4	Sep-24 Lab 4	Sep-25 Lab 4	Sep-26 Lab 4
6	Sep-28 Lab 4	Sep-29 Lab 5	Sep-30 Lab 5	Oct-1 Lab 5	Oct-2 Lab 5	Oct-3 Lab 5
7	Oct-5 Lab 5	Oct-6 Lab 6	Oct-7 Lab 6	Oct-8 Lab 6	Oct-9 Lab 6	Oct-10 Lab 6
8	Oct-12 Lab 6	Oct-13 Lab 7	Oct-14 Lab 7	Oct-15 Lab 7	Oct-16 Lab 7	Oct-17 Lab 7
9	Oct-19 Lab 7	Oct-20 Lab 8	Oct-21 Lab 8	Oct-22 Lab 8	Oct-23 Lab 8	Oct-24 Lab 8
10	Oct-26 Lab 8	Oct-27 Lab 9	Oct-28 Lab 9	Oct-29 Lab 9	Oct-30 Lab 9	Oct-31 Lab 9
11	Nov-2 Lab 9	Nov-3 Lab 10	Nov-4 Lab 10	Nov-5 Lab 10	Nov-6 Lab 10	Nov-7 Lab 10
12	Nov-9 Lab 10	Nov-10 Lab 11	Nov-11 Lab 11	Nov-12 Lab 11	Nov-13 Lab 11	Nov-14 Lab 11
13	Nov-16 Lab 11	Nov-17 Lab 12	Nov-18 Lab 12	Nov-19 Lab 12	Nov-20 Lab 12	Nov-21 Lab 12
14	Nov-23 Lab 12	Nov-24 <b>No Lab</b> (holiday)	Nov-25 <b>No Lab</b> (holiday)	Nov-26 <b>No Lab</b> (holiday)	Nov-27 <b>No Lab</b> (holiday)	Nov-28 <b>No Lab</b> (holiday)
15	Nov-30 Lab 13	Dec-1 Lab 13	Dec-2 Lab 13	Dec-3 Lab 13	Dec-4 Lab 13	Dec-5 Lab 13
16	Dec-7 No Lab	Dec-8 No Lab	Dec-9 No Lab	Dec-10 No Lab	Dec-11 No Lab	Dec-12 No Lab

## LAB DESCRIPTIONS

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Lab Orientation (Mandatory Meeting)

Lab 1: Fields and Equipotentials

Lab 2: Ohm's Law (TI)

Lab 3: The Measurement of Resistance

Lab 4: Joule Heat

Lab 5: Resistances in Series and Parallel (TI)

Lab 6: Introduction to the Oscilloscope

Lab 7: The RC Time Constant (Manual Timing)

Lab 8: Electromagnetic Induction

Lab 9: Reflection and Refraction

Lab 10: Spherical Mirrors and Lenses

Lab 11: Transmission Diffraction Grating (TI)

Lab 12: Detection of Nuclear Radiation: The Geiger Counter

Lab 13: Interference, Diffraction & Polarization (**download**)

Lab Manual: Wilson, Physics Laboratory Experiments, Special Edition for General Physics II at CCCCD

Lab information available at [www.ccccd.edu/physics](http://www.ccccd.edu/physics)