# Physics 132
## Fall 2016 Lecture and Laboratory Schedule

**Text:** Physics for Scientists and Engineers, 3rd ed., Randall D. Knight
Pearson / Addison Wesley.

**ON-LINE HOMEWORK ASSIGNMENTS:** https://loncapa.calpoly.edu

These problems are not from your text, but from the same material (see details on course syllabus for registering, logging on, etc.) Computers can be frustrating. Don’t let it be. Spend a reasonable amount of time. If things are not working, send me an email. We can clean up the details later.

### Week | Date | Reading | Suggested Homework Problems (NOT DUE FOR CREDIT BUT SUGGESTED FOR PRACTICE) | Laboratory
---|---|---|---|---
0 | 9/22-9/23 | Ch. 14 | Ch. 14: 2, 3, 15, 18 | No Labs; (2-day)
1 | 9/26-9/30 | Ch. 14, 20 | Ch. 14: 5, 19, 20, 22, 24, 30, 37, 41, 43, 49, 50, 60, 62, 66, 71, 75 | Simple Pendulum
2 | 10/3-10/7 | Ch. 20 | Ch. 20: 3, 10, 13, 16, 20, 25, 27, 28, 31, 38, 42, 44, 46, 52, 53, 60, 62, 66, 76, 79 | Simple Harmonic Motion of a Spring
3 | 10/10-10/14 | Ch. 21 | Ch. 21: 2, 7, 11, 14, 17, 20, 21, 23, 25, 28, 29, 31, 36, 47, 51, 55, 63, 70, 74 | Vibrating Strings
4 | 10/17-10/21 | Ch. 22 | Ch. 22: 3, 6, 7, 11, 19, 20, 25, 30, 41, 43, 45, 46, 54, 63, 71, 75 | Sound Resonance in Air Columns
5 | 10/24-10/28 | Ch. 23 | Ch. 23: 1, 5, 8, 9, 11, 12, 14, 17, 20, 39, 40, 44, 48, 53 | Interference and Diffraction of Light
6 | 10/31-11/4 | Ch. 23-24 | Ch. 23: 24, 27, 30, 34, 57, 60, 62, 71, 73; Ch. 24: 1, 2, 6, 9, 12, 26 | Refraction of Light
7 | 11/7-11/11 | Ch. 15-16 | *Ch. 15: 1, 3, 7, 8, 9, 11, 35, 42*
Ch. 16: 4, 5, 9, 13, 17, 20, 25, 29, 30, 36, 45, 50, 57, 64, 72 | Simple Lenses
8 | 11/14-11/18 | Ch. 17 | Ch. 17: 1, 9, 10, 11, 12, 14, 18, 20, 24, 25, 39, 45, 48, 49, 57, 59, 64 | Temperature and Thermometers
nil | 11/21-11/25 | Thermo | | No Labs: Thanksgiving Week
9 | 11/28-12/2 | Ch. 18 | Ch. 18: 4, 9, 14, 20, 22, 30, 33, 35, 45, 48, 50, 54, 58, 61 | Specific Heat
10 | 12/5-12/9 | Ch. 19 | Ch. 19:2, 4, 6, 12, 13, 16, 19, 23, 25, 32, 37, 40, 52, 54, 58, 61, 62 | Adiabatic Compression

### Academic Holidays:
- Friday, November 11: Veterans Day
- Monday-Friday, November 21-27: Thanksgiving (note: this is the entire week)

### Important Dates:
- Classes start on THURSDAY September 22
- See the Registrar’s Website for other important dates
- Last day of instruction: Friday, December 9

If a student wishes to withdraw after the end of the regular add/drop period and the last day of instruction they must petition. The reasons for withdrawal must be “serious and compelling.” Withdrawal after the 7th week of the term is only permitted if an emergency situation exists beyond the control of the student.