

Physics 118: General Physics Lab

Overview

Phys 118 is the second of a three-quarter sequence of introductory physics laboratory courses targeted for students in life sciences. Through the lab assignments, we will emphasize:

- Hypothesis testing by experiment
- Visualization of results and comparison with textbook expectation
- Design of experiments

During the COVID pandemic, the labs are offered remotely via analysis of video experiments. The course consists of weekly online labs.

Lab Topics

- **Ideal gas law**
- **Thermodynamics**
- **Fluids**
- **Electric forces**
- **Circuits**
- **Magnetic forces**

Evaluation

The course is graded on Credit/No credit bases. To receive a credit grade, students must do all the lab assignments and meet adequate level of mastering the learning objectives for each lab.