

# PHYS 152L : College Physics II Lab

**Credits:** 1

**Class Hours:** 3 lab

**Prerequisites:** "C" or higher or concurrent enrollment in MATH 140X. "C" or higher in PHYS 151.

**Corequisite Courses:**

PHYS 152

**Description:** This course is the second half of a two-semester lab based course designed to provide students with hands-on experience in analysis, measurement, experimental equipment, computer programming, and report writing. The content will mirror the PHYS 152 lecture.

**Semester Offered:** Spring

**Designation:**

Diversification: Lab (Science) — DY

**Course Student Learning Outcomes (CSLOs):**

1. Analyze, interpret, and compare experimental and theoretical data. Draw conclusions and discuss error and deviations from ideal results.
2. Collect data from a variety of experimental equipment.
3. Create a written lab report to explain the purpose, procedures, results, conclusions, limitations, and further studies required for each experiment.