

PHYS 170L : General Physics I Lab

Credits: 1

Class Hours: 3 lab

Corequisite Courses:

PHYS 170

Description: This course is the first 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 170 lectures.

Semester Offered: Fall

Designation:

Diversification: Lab (Science) — DY

Course Student Learning Outcomes (CSLOs):

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