

Course Outcomes: PHYS 101

General Physics I

The following are working course outcomes. These outcomes will be reviewed by the NWIC Curriculum Committee during the curricular review process in 2017 with the intent of creating and approving course outcomes.

At the completion of this course students will be able to:

- Apply Newton's laws of motion
- Apply principles of potential energy, kinetic energy, and conservation of mechanical energy
- List three pre/early contact pieces of evidence of the systematic study of physics
- Apply principles of waves and sound
- Demonstrate how to use control of variables
- Write an operational definition
- Work collaboratively
- Keep a scientific journal
- Make estimations and check results for reasonability
- Draw conclusions based on experimental data
- Convert between different units of measurement