

Intro to Physics 1400 Course Objectives

Course objectives and goals	Linked to which departmental program goal(s)	Linked to which institutional goal(s)?	Types of evidence used to demonstrate student achievement of objectives & goals
Students will demonstrate the ability to employ the methods of science for inquiry.	- to enable non-science majors to understand the proper roles of science, technology, and mathematics within our society	1,2,3,4,8	Students will show the ability to formulate rational approaches to problem-solving both in conceptual situations and hands-on experiments. Students will be successful working on discovery-based classroom assignments and discovery-based lab exercises.
Students will demonstrate an acceptable level of skill in using the tools of science.	- to enable non-science majors to understand the proper roles of science, technology, and mathematics within our society	2,3,8	Students will show the proper use of lab equipment, through supervised lab experience. Students will be able to use the mathematical and logical tools of science as it can be seen through their success on in-class homework and assignments.
Students will demonstrate an acceptable level of understanding of the major principles of physics.	- to enable non-science majors to understand the proper roles of science, technology, and mathematics within our society	1,2,3,8	Students will show this ability through their success on the quiz and exam questions that pertain to the major principles of physics.

Institutional Goals:

1. Students acquire an education shaped by Christian values.
2. Students are equipped for successful careers and post-graduate education.
3. Students acquire an enthusiasm for lifelong learning through expanded intellectual and cultural experiences.
4. Students, in a community where leadership is cultivated, acquire a solid basis for future lives of leadership.
8. The institution will engage in an ongoing pursuit of excellence in curricula, programs, and policies.