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Spring 2-1-2017

### PHSX 206N.04: College Physics I Laboratory

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## Course Information

- Instructor: Trenin Bayless
  - Office: C.H. Clapp Building, room 119
  - Telephone: -
  - Email: [trenin.bayless@umontana.edu](mailto:trenin.bayless@umontana.edu)
  - Labs:
- Section 4: Tuesdays 3 – 4:50 PM, CHCB 225

Office Hours: Monday, CHCB 225 12pm to 3pm. I am happy to help students and answer questions outside my normally scheduled office hours and I strongly encourage students to seek my assistance whenever necessary.

## Overview

The goal of the laboratories is to both aid students in quantitative laboratory techniques and conceptual understanding of physics. The material covered will be commensurate with the lecture courses with which the experiments are paired. The quantitative laboratory techniques will include reading an array of measuring instruments, handling of error that results from the measuring instruments, understanding the distinction between precision and accuracy, and the proper display of data. It is essential that students keep up from the start as the concepts in this course build on each other.

## Learning Outcomes

The goals of this course are:

1. To learn how to properly take measurements and record data.
2. To learn how to interpret results both statistically and graphically.
3. To experimentally confirm theories presented in lecture.

## Add/Drop/Withdraw

Please refer to the University policy on adding, dropping, and withdrawing from the course at <http://www.umt.edu/registrar/students/dropadd.php>.

## Websites

Grades and other materials will be posted on Moodle.