Phys 417: Modern Physics Laboratory

Basic application of theories of measurement, instrumentation and error to laboratory research. Experiments in classical and modern physics including measurements of fundamental constants, vacuum technology, Mossbauer effect, EST and Hall effect and advanced experiments in nuclear and particle physics.

4 Credits

Prerequisites

- Phys 317: Introduction to Modern Physics I

Instruction Type(s)

- Lab: Laboratory for Phys 417

Course Fee(s)

Astronomy and Physics

- $195.00 when booked for:
  - Fall, Second Fall, Winter, Spring, First Spring, Second Spring, May, Full Summer, First Summer, Second Summer, August 2016-17
  - Fall, First Fall, Second Fall 2017-18

Subject Areas

- Physics, General

Related Areas

- Acoustics
- Atomic/Molecular Physics
- Condensed Matter and Materials Physics
- Elementary Particle Physics
- Nuclear Physics
- Optics/Optical Sciences
- Physics, Other
- Theoretical and Mathematical Physics