# Phys 417: Modern Physics Laboratory

## PHYSICS & ASTRONOMY

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
- Pre-Requisite: 24 Earned Hours

## Instruction Type(s)

- Lab: Laboratory for Phys 417

## Course Fee(s)

**Astronomy and Physics**

- $195.00

## 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

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