

# Phys 425: Nuclear & Particle Physics Laboratory PHYSICS & ASTRONOMY

Experiments in radioactive decay, nuclear detectors, and instrumentation, including ionization, scintillation, and solid state detectors, electronic logic and timing circuits, and microprocessor controlled systems.

# 3 Credits

- Prerequisites
  - Phys 318: Introduction to Modern Physics II
  - Pre-Requisite: 24 Earned Hours

### Instruction Type(s)

• Laboratory: Laboratory for Phys 425

#### **Course Fee(s)** Astronomy and Physics

• \$150.00

## **Subject Areas**

<u>Nuclear Physics</u>

### **Related Areas**

- <u>Acoustics</u>
- <u>Atomic/Molecular Physics</u>
- <u>Condensed Matter and Materials Physics</u>
- Elementary Particle Physics
- Optics/Optical Sciences
- Physics, General
- Physics, Other
- Theoretical and Mathematical Physics

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