

# Phys 634: Electronics in Research

## Physics & Astronomy

This laboratory course covers tools and techniques associated with the collection and interpretation of data used in experimental physics. The specific set of topics may vary depending on the research projects the students in the class are involved in, but it will include transducers, signal conditioning, noise and power management, data acquisition, and testing equipment. In addition, the course will also introduce students to using programmable devices to help facilitate specialized applications on an as-needed basis.

3 Credits

### Instruction Type(s)

- Lab: Laboratory for Phys 634

### 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](#)

