



# Phys 303: Physical Theory and Techniques

## Physics & Astronomy

This course covers fundamental physical models widely applicable to the undergraduate physics curriculum. Emphasis is placed on the development of problem-solving skills using calculus, advanced algebraic concepts, estimation techniques, and computer modeling.

3 Credits

### Prerequisites

- [Math 262: Unified Calculus & Analytic Geometry II](#)
- Pre-Requisite: 24 Earned Hours
- Prerequisite: Phys 212 or Phys 214

### Instruction Type(s)

- Lecture: Lecture for Phys 303

### Subject Areas

- [Theoretical and Mathematical Physics](#)

### Related Areas

- [Acoustics](#)
- [Atomic/Molecular Physics](#)
- [Condensed Matter and Materials Physics](#)
- [Elementary Particle Physics](#)
- [Nuclear Physics](#)
- [Optics/Optical Sciences](#)
- [Physics, General](#)
- [Physics, Other](#)

