**Phys 319: Optics**  
**Physics & Astronomy**  
Intermediate description of electromagnetic wave propagation; topics in geometrical and physical optics including interference, diffraction, polarization, and laser physics; lab exercises in physical and geometrical optics.  
4 Credits

**Prerequisites**  
- Math 262: Unified Calculus & Analytic Geometry II  
- Phys 212 or Phys 214

**Instruction Type(s)**  
- Lecture: Lecture/Lab for Phys 319

**Course Fee(s)**  
Astronomy and Physics  
$195.00

**Subject Areas**  
- Optics/Optical Sciences

**Related Areas**  
- Acoustics  
- Atomic/Molecular Physics  
- Condensed Matter and Materials Physics  
- Elementary Particle Physics  
- Nuclear Physics  
- Physics, General  
- Physics, Other  
- Theoretical and Mathematical Physics