**Phys 402: Electromagnetic Theory II**  
**Physics & Astronomy**

Electrostatics, electric and magnetic properties of matter, Maxwell’s equations and their solutions, propagation and radiation of electromagnetic waves.  
3 Credits

**Prerequisites**
- Phys 401: Electromagnetic Theory I  
- Math 353: Elementary Differential Equations  
- Pre-Requisite: 24 Earned Hours

**Instruction Type(s)**
- Lecture: Lecture for Phys 402

**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