

# 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

