Phys 402: Electromagnetic Theory II

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

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