El E 533: Electronic Properties of Materials
Electrical Engineering
Theories of electron/atom interactions and electron transport are examined to explain the electronic properties of solids. Junctions, magnetic, and optical properties are also discussed with special emphasis on semiconducting materials.
3 Credits
Prerequisites
• Prerequisite: Junior standing (60 hr).
Cross-listed Courses
• M E 533: Electronic Properties of Materials
Instruction Type(s)
• Lecture: Lecture for El E 533
Subject Areas
• Electrical and Electronics Engineering
Related Areas
• Electrical, Electronics and Communications Engineering, Other
• Laser and Optical Engineering
• Telecommunications Engineering