

# El E 533: Electronic Properties of Materials Electrical and Computer 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**

• Prerequiste: 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

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