

# M E 533: Electronic Properties of Materials Mechanical 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**

• El E 533: Electronic Properties of Materials

### **Subject Areas**

- <u>Mechanical Engineering</u>
- Electrical and Electronics Engineering
- <u>Materials Science</u>

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