

# 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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