

# EI 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**

<u>M E 533: Electronic Properties of Materials</u>

## Instruction Type(s)

Lecture: Lecture for EI 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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