

# 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

- 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](#)

