El E 533: Electronic Properties of Materials

**Electrical 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