

EI 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 EI E 533

Subject Areas

- [Electrical and Electronics Engineering](#)

Related Areas

- [Electrical, Electronics and Communications Engineering, Other](#)
- [Laser and Optical Engineering](#)
- [Telecommunications Engineering](#)

