

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

