M E 533: Electronic Properties of Materials

Mechanical 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

- El E 533: Electronic Properties of Materials

Subject Areas

- Mechanical Engineering
- Electrical and Electronics Engineering
- Materials Science