

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

- Prerequisite: Junior standing (60 hr).

Cross-listed Courses

- [EI E 533: Electronic Properties of Materials](#)

Subject Areas

- [Mechanical Engineering](#)
- [Electrical and Electronics Engineering](#)
- [Materials Science](#)

