

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
- <u>Materials Science</u>

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

