

## **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**

- Prerequisite: 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](#)

