

## **EI E 453: Solid State Devices**

### **ELECTRICAL ENGINEERING**

Crystals, conduction, semiconductors, dielectric and magnetic materials, energy band theory applied to junction devices, transistors.

3 Credits

#### **Prerequisites**

- [EI E 351: Models and Circuits I](#) \$target.descriptions.MinimumGrade\$
- Pre-Requisite: 24 Earned Hours

#### **Instruction Type(s)**

- Lecture: Lecture for EI E 453

#### **Subject Areas**

- [Electrical and Electronics Engineering](#)

#### **Related Areas**

- [Electrical, Electronics and Communications Engineering, Other](#)
- [Laser and Optical Engineering](#)
- [Telecommunications Engineering](#)

