

# EI E 451: Electrical Energy Conversion ELECTRICAL ENGINEERING

Basic principles of electrical energy conversion; fundamentals of electromechanical devices and applications. DC and AC motors and generators. Transformers and electric power transmission.

3 Credits

#### Prerequisites

- EI E 331: Linear Systems \$target.descriptions.MinimumGrade\$
- Engr 360: Electric Circuit Theory \$target.descriptions.MinimumGrade\$
- Pre-Requisite: 24 Earned Hours

#### **One-way corequisites**

El E 341: Theory of Fields

## Instruction Type(s)

Lecture: Lecture for EI E 451

### **Subject Areas**

Electrical and Electronics Engineering

### **Related Areas**

- Electrical, Electronics and Communications Engineering, Other
- Laser and Optical Engineering
- <u>Telecommunications Engineering</u>

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