El 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

- El E 331: Linear Systems
- Engr 360: Electric Circuit Theory

One-way corequisites

- El E 341: Theory of Fields

Instruction Type(s)

- Lecture: Lecture for El E 451

Subject Areas

- Electrical and Electronics Engineering

Related Areas

- Electrical, Electronics and Communications Engineering, Other
- Laser and Optical Engineering
- Telecommunications Engineering