

## EE 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

- [EE 341: Theory of Fields](#) \$target.descriptions.MinimumGrade\$
- [EE 331: Linear Systems](#) \$target.descriptions.MinimumGrade\$
- [Engr 360: Electric Circuit Theory](#) \$target.descriptions.MinimumGrade\$
- Pre-Requisite: 24 Earned Hours

### Instruction Type(s)

- Lecture: Lecture for EE 451

### Subject Areas

- [Electrical and Electronics Engineering](#)

### Related Areas

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

