

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 341: Theory of Fields
- El E 331: Linear Systems
- Engr 360: Electric Circuit Theory
- Pre-Requisite: 24 Earned Hours

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>

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

