El E 451: Electrical Energy Conversion  
Electrical and Computer 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: Signals and Systems  
- Engr 360: Electric Circuit Theory  
- Pre-Requisite: 24 Earned Hours  
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