

ELT 108: DC Principles of Electricity

This course is a study of basic atomic structure, electron flow, Ohm's Law, electrical power and conductors, and insulators. Topics include atomic theory, series, and parallel circuits, complex circuits, magnetism and electromagnetism. Upon completion, students should be able to solve DC electrical quantity problems and use voltmeters, ohmmeters, and amp meter. This course will also incorporate basic concepts of interpersonal communication and the oral communication skills necessary to interact with co-workers and customers and to work effectively in teams. Upon completion, students should be able to demonstrate interpersonal communication skills, apply basic principles of group discussion, manifest a businesslike personality, and effectively present themselves before co-workers and the public.

Credits: 3

Prerequisites:

Permission of instructor.

Program: [Electrical Technology](#)