

ELT 108: DC Fundamentals

This course provides a study of atomic theory, direct current (DC), properties of conductors and insulators, direct current characteristics of series, parallel, and series parallel circuits. Inductors and capacitors are introduced and their effects on DC circuits are examined. Students are prepared to analyze complex DC circuits, solve for unknown circuits variables and to use basic electronic test equipment.

Credits: 3

Prerequisites:

MTH 098 or higher

Co-Requisites:

ELT 109

Program: Electrical Technology

Experimental Laboratory Credit: 4

Theory Credit: 1