

ELEC 100 : Survey of Electrical Math and Physics

Studies current, voltage, resistance, and Ohm's Law. Discusses magnetism, electrical safety and measurements, AC and DC circuits, induction, and capacitance as applicable to residential, commercial, appliance, and industrial wiring systems. (Formerly ELEC 20)

Credits 3

Lecture Hours 45

Teaching Equivalent 3.00

Prerequisites

ENG 19 with grade C or better or placement at least ENG 22, and MATH 75X with grade C or better or placement at least MATH 82, or consent.