

2024-2025 TTC Catalog

EET 113 Electrical Circuits I

Lec: 2.5 Lab: 4.5 Credit: 4.0

This course is a study of direct and alternating currents, covering resistance and impedance in series, parallel and series-parallel circuits using Ohm's Law, Kirchhoff's laws, and basic circuit theorems. Circuits are analyzed using mathematics and verified using electrical instruments.

Prerequisite

EGR 104

or departmental approval

Corequisite

MAT 110

or

MAT 170

Course Offered

Spring

Grade Type

Letter Grade

Division

Engineering and Construction