
SECTION HEADING

ELCO 1105: Electrical Circuits Fundamentals Lab

Description

Electrical Circuits Fundamentals Lab performs practical problems on both DC and AC circuits in the lab. Calculate series circuits, parallel circuits, capacitance circuits, and inductive circuits. Perform basic meter testing on circuits.

Credits

3

Prerequisite

MATH 0092 or placement by multiple measures

Topics to be Covered

1. Series, parallel, inductive, and capacitive circuits
2. Delta and wye circuits

Learning Outcomes

1. Apply Ohm's law
2. Measure Watts
3. Measure Volts
4. Measure Amps
5. Connect series circuits
6. Connect parallel circuits
7. Test DC and AC circuits

Credit Details

Lecture: 0

Lab: 3

OJT: 0