

The University of Texas at Tyler
College of Engineering and Computer Science
Department of Electrical Engineering
EENG 4110 - Electric Power Systems Lab

Lab Report Requirements

Write your lab report with the following structure:

1. Title page (*What is the report about?*) [5 points]

This page includes:

- University, college, department, and course names
- Experiment name
- Student's name and ID
- Your instructor's name
- Date of submission

2. Theory and Background (*What are the theoretical and scientific concepts?*) [25 points]

Provide theoretical, scientific and mathematical background necessary to understand and perform the experiment.

3. Equipment and Components (*What did you use to perform the experiment?*) [10 points]

Include a list of all equipment and components used in the experiment with model numbers and quantities.

4. Results and Discussion (*What did you find? What does it mean?*) [50 points]

This section must include:

- Photos and snapshots of the simulated and real circuits.
- Tables showing your measurements (with units).
- Results explanation, discussion, and comparison.

5. Conclusions (*What have I learned?*) [5 points]

References (*What sources were used?*) [5 points]

Appendices (*What additional material is included?*)