

## 332:224 Principles of Electrical Engineering II Laboratory

### Instructions for Lab Reports

#### 1. General

- Each student must submit his/her own report despite the fact that a group of students may collaborate in the conduction of the experiment. It is understandable that lab partners will have similarities in their data but the presentations cannot be identical and certainly editorial items such as the Summary are expected to be completely individualized<sup>1</sup>.
- The report is due within two weeks from the day the experiment was conducted<sup>2</sup> unless prior permission is given otherwise<sup>3</sup>.

1 Plagiarism, i.e. copying others' work and presenting as one's own, is a form of cheating and it is treated as such

2 Except of the last lab that is due within 2 weeks or by 4:30pm on the last day of classes, whichever is earlier.

3 One missed lab or missed report deadline results in an automatic maximum of "C" for the course, regardless of the grade in the remaining experiments; two such omissions result in an automatic "F".

#### 2. Content

All reports must contain the following basic aspects in addition to any other specifically required for the particular experiment:

1. Cover sheet with the following:
  - a. title of the experiment,
  - b. student name,
  - c. name(s) of lab partner(s) who participated,
  - d. lab section number and instructor,
  - e. date when the experiment was carried out.
2. Title and aim of the experiment in student's own words.
3. The procedure followed along with the circuit diagrams.
4. Tables of the experimental data.
5. Determination of any parameters deduced from the experimental data.
6. Explicit answers to the questions posed in section 5, titled "Report".
7. Conclusions written in student's own words.
8. References, if any were used in theoretical considerations.
9. Software simulations appended to the report.

#### 3. Style

- All reports must be written neatly.
- Separate report in sections and label with numbers corresponding to those of the instructions.
- Always use passive voice: "*The voltage was measured*" not "*We measured the voltage*".