

Lab Report Requirements

(ENGR 065: Circuit Theory)

Each team is required to submit one lab report after each lab. The lab report is due on the next lab meeting. The report for the last lab is due a week after the last lab meeting.

The grade of the report is given to all members of the team. Late reports are penalized by taking 5 points off per each day past the due date of the report. The other grade components of the lab are given to the students individually. If a student misses or is dismissed from a lab, the grade of that student shall be zero for that lab.

The report must be written electronically (e.g. using MS-WORD) and submitted online (prefer PDF file) in CatCourse. Tables showing data or results, as well as figures and graphs should be produced electronically and attached to or embedded in the report. Figures and graphs should have captions and show units and labels if necessary. Each report must contain the following sections:

- **The cover page:** The cover page should include the lab title and number, the date the lab was performed and the names of the team members.
- **Objectives:** A short description of the purpose of the lab should be provided.
- **Theoretical background:** A brief description of the theory used in the lab should be given.
- **Experimental procedures:** The procedure for the lab should be summarized in the report by use your own words. The measurement and other experimental data should be clearly recorded using tables or figures if necessary.
- **Analysis of experimental data:** Compare theoretical results with your simulation data. Explain the results by using figures and tables. Provide formulae or equations used in your calculations.
- **Conclusions:** Discuss and summarize the experiment and the results. Welcome to provide your suggestions and comments on the lab.