EE101L: Introduction to Electrical Engineering  
Spring 2014  

This document is subject to change without notice. Last updated Feb. 3, 2014.

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Class time & place: Workman Center 116, Friday 2-5pm

Office hours: MWF: 10am-12pm, or anytime my office door is open.

Help sessions: MTWR 5-8pm in Workman Center 116

Purpose: To supplement the EE101 class lectures, gain hands-on knowledge, practice laboratory skills, gain experience with basic electrical components, learn good documentation habits and have fun!

Materials required for each lab:
- Blue or black pen
- Safety glasses (lab kit item, please bring to each lab)
- Lab notebook (lab kit item, please bring to each lab)

Grading:
- Lab write-ups, including pre-lab - 70%
  - Pre-lab is to be completed before lab begins.
  - Lab write-up is to be completed by end of lab session.
- Formal report - 10%
- Tests - 10%
  - Two or more open lab book tests will be given.
- Professionalism - 10%
  - Based on attendance, punctuality, attitude and neatness.

Lab notebook: The lab notebook is a record of what you have done in lab and how you did it. Use it to log all procedures, calculations, results and notes, as well as problems and issues you encounter along the way. Each entry in your lab notebook should be a complete record of the experiment. It needs to be written so that you, or any other engineer, can reproduce the experiment using only the information contained in the lab notebook.

Notes on completing your lab notebook
- Fill in the complete title for each lab.
- Update the table of contents for each lab, including the title and page number.
- Begin with a brief description of the lab in your own words.
- The first part of your lab entry will be the pre-lab, if there is one.
- Follow with the rest of the lab.
- Making mistakes is part of the process. If you make a mistake, draw a single line through it and continue.
- All text, calculations and drawings must be neat and legible.
- Label all items in drawings and show all units.

Academic honesty: All students are expected to demonstrate personal integrity. Collaboration with other students is strongly encouraged, however each student must show his/her individual effort. Exchange of information such as lab solutions is strictly prohibited. Students exhibiting any form of academic dishonesty will be subject to penalties in accordance with New Mexico Tech policies. Refer to the academic honesty policy in your student handbook.