EE236 Ground Rules

6 Aug 2018

Ground rules

- No deadline extensions henceforth for report submissions
- If you are late for submission on moodle, you lose all credit for the corresponding report
- If you fail to upload the report on moodle, you **must not** email it to your TA and/or the instructors and/or the lab staff. Any such emails will result in 5 marks being deducted (per email) from the overall course total.

Helpful tips

- Please devote as much time as you deem reasonable towards writing reports. The instructors expect approximately 3 hours of effort outside lab hours for this course (more effort for advanced track i.e. AA, in subsequent labs)

- If you are unable to meet deadlines, ask yourself how you can improve your efficiency, instead of asking for deadline extension/work reduction

- Before coming to lab: read all handouts, and perform a mental calculation for how long you think each of the steps in the experiment may take. If some preparation at home will help you utilize lab time better (e.g. drawing circuit diagram with IC pin numbers marked clearly), include this in your routine

- Identify appropriate time management schemes to address all your tasks by splitting them into sub-tasks and interleaving

Clarifications

- **In-lab data submission on moodle:** This is not graded. The purpose of this submission is only for us to have a record of the data you collected in lab. If you cannot finish the experiment in time by 5pm, you may submit the partly collected data that you have until that time. You are welcome to come back and finish the experiment later (but be sure to mention this in your report as we will not create additional data submission links)
- **Quiz:** The purpose of the quiz is to solely test whether you have read the handouts before coming to lab. It is merely a memory test, and not a test of your understanding.
- **Reports:** Please follow the template as-is. Grading will be in accordance with the metric stated in the report template. Only a few lines of text stating your approach are expected in 'Methods'. Please spare some time trying to understand the purpose of the experiment and the methods before and during labs. Report writing is supposed to be merely a documentation exercise.

Learning objectives of this course

Basic:

- Learn how to use basic electrical characterization equipment
- Learn how to perform basic electrical measurements on semiconductor devices
- Learn how to illustrate and document results (post-lab)

Intermediate:

- Predict and interpret device performance
- Design test setups and circuits to perform task at hand

Advanced:

- Apply concepts from other courses to the lab, and vice versa
- Absorb the underlying techniques and apply them to other devices