UF Herbert Wertheim College of Engineering
Department of Electrical & Computer Engineering
UNIVERSITY of FLORIDA

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EEL3701C - Fall 2025

EEL3701C Lab Guidelines

Deadlines

- Pre-lab submissions (lab reports) are on **Sunday night, 11:59 PM** the week that the corresponding lab starts. These reports should be named "labX.pdf".
    - The only deliverables you will need to submit are these pre-lab submissions. Follow the instructions provided in the lab doc for submission structure.
- Pre-lab submissions are submitted through GitHub. You can submit **1 day late** for a **25% penalty**.
    - The repository will have no push access after **Monday night, 11:59 PM** the day after the lab is due. Please make sure not to push to the repo unless you are intending to submit late, or else the penalty will be applied (we will check your last commit time).

Note: There is 1 lab drop included if you are unable to complete one of your labs. If you miss another lab, you may drop this additional lab only if you have documentation for **both missed labs**. If this is the case, contact your PI via email.

Each lab is weighted the same and your lowest lab score is automatically dropped.

Rules

- Lab grades will be distributed:
    - 40% from lab reports
    - 20% from demos
    - 40% from quizzes/activities
- Missing your lab will **result in a zero** for that lab, even if you previously submitted the lab documents.
- Come to your lab session prepared within the first **20 minutes**.
    - If you are late to/miss your lab, contact your PI *if you have documentation* so that you can make up your lab in another section the same week.
- Do not copy anyone else's work to complete your pre-labs. This will hinder your own learning, especially since labs build upon each other. You may however, discuss the labs together at a conceptual level.
    - If you have questions regarding the labs, feel free to ask in the public forum.
- You should not use Large Language Models, like ChatGPT, to complete your assignments. You can use these tools to ask short, clarifying questions, but do not use them to generate reports for you or do the work for you.

- If any of your provided hardware (i.e. DE10-Lite Board) breaks, contact your PI so they can replace the board for you.
- Your PI is responsible for managing your lab session in EEL3701C. Please use them as your first contact before reaching out to anyone else.

Hardware

Borrowing the DE10:
You will be checking out your DE10-Lite board for the semester. **You will return the following at the end of the semester:**

- DE10-Lite board
- Board bag
- USB Cable (type A male to type B male)

Throughout the semester, please handle it with care and transport it in a way that does not damage the unit. This means that the unit should always be in its bag until you need to use it and then return it to its bag. When you first plug the unit into the computer it will run its default program lighting all the 7-segment LED displays and the 10 LEDs.

Testing the board:
If you switch the far-right switch, it will change the default mode to use the IMU to light up the right strip of LEDs as you tilt the unit. If your unit is damaged in some way when it's checked out to you, please return it to your PI for another one.

Borrowing the DAD3:
You may borrow a DAD3 board this semester.

- If you are an EE or CPE student, you may borrow it from the ECE department (given you do not already have one) until the end of your Bachelor's.
- If you are a CS student (or other), you need to return this by the end of the semester.

Failure to return your hardware back to the lab before the final exam will result in an incomplete grade being put on your transcript.