

WHAT IS OUR MATH 2B LANA LAB PROJECT?

As indicated in our we will be working on a capstone LANA project

[LANA Project: Electrify the Linear-Systems Problem](#)

We are currently on schedule to engage in this laboratory exploration during weeks 10 – week 12. In order to engage in this project, students who are currently living in the California Bay Area will need to pick up laboratory materials from Foothill’s Sunnyvale Library. I’m going to be asking for help from our entire class to brainstorm ways to support learners who are living outside the Bay Area at this moment. Thank you, in advance, for your ideas and contributions to this discussion. Because of COVID travel restrictions, we have some very special instructions for you to be able to check out our Electronics Learning Lab Kits from the Foothill Sunnyvale Center.

HOW DO I PICK UP THESE LAB MATERIALS?

In order to pick up the Electronics Learning Lab kits, you will visit the following location:

Foothill Sunnyvale Center
1070 Innovation Way,
Sunnyvale, CA 94089

We have a few options available to you, including the following

- Option 1: Tuesday April 13, 2021 from 10am - 2pm
- Option 2: Tuesday April 14, 2021 from 10am - 2pm
- Option 3: Tuesday April 27, 2021 from 10am – 2pm
- Option 4: Tuesday May 4, 2021 from 10am – 2pm
- Option 5: Mon 5/10/21 – Wed 5/12/201 from 10am – 2pm

Please do check the [Foothill Library Website](#) before you plan to arrive so that you can be aware of all updates to pick-up and drop off logistics. All items are on quarter-long check-out basis and **DO NOT NEED TO BE RESERVED**. They are on first-come, first-served basis.

WHAT ARE THE CONTENTS OF THE LAB KIT?

Your Linear Algebra Math 2B Electronics Learning Lab Kit should contain the following:

- One Digital Multimeter (X1)
- One half-sized, 400-point Breadboard (X1)
- One box of jumper wires (X1)
- Five 9v batteries (X5)
- Fifteen 1k resistors (X15)
- Six power blocks (green circuit boards) including
 - 2 boards with red and black wires on the bottom
 - 2 boards with red and black wires on the side
 - 1 board with white and black wires on the bottom
 - 1 board with white and black wires on the side



WHAT SHOULD I DO WHEN I ARRIVE AT SUNNYVALE CENTER?

The first thing to do is to try to find the small help desk that is pictured in the image below.



When you find that location, pull up to the table with the Library banner and please stay in your vehicle. One of the library team members will come out and help you. **Please do bring your CWID**, just like you normally would when trying to borrow items from the library.

Note: you can have a trusted friend or family member pick up your lab materials on your behalf. Make sure they have access to these directions and also that they have your CWID. This person will need to share your CWID with the Foothill Library staff member in order to check out your lab materials.

HOW MIGHT I GET THESE IF I LIVE OUTSIDE OF THE BAY AREA?

If you live in the US but outside the Bay Area, it may be possible to mail your lab material to you. If you are in this situation, please contact me ASAP. If you live internationally, I don't think we can mail your materials to you. In this case, our entire class will work as a team to help you thrive.

HOW CAN WE SUPPORT EACH OTHER?

We have a large team of people who worked to get these resources ready for you. We did our best to have these ready on day 1 of spring quarter 2021. I ask that we work as a community to help everyone who lives in the Bay Area get access to these resources. Please come to class and do your best to help our team members thrive.

HOW DO I DROP OFF THE LAB MATERIALS AT THE END OF THE QUARTER?

When you are ready to return these items, you can always drop them off at the blue book drop located on the side of the Foothill Sunnyvale Center (1070 Innovation Way, Sunnyvale, CA 94089), behind a little gate. We'll have a more detailed discussion about this later in the course.

HOW DOES THE CHECK OUT PROCESS WORK?

These materials are now part of the [Foothill Library's](#) collection. Thus, similar rules apply to checking out and returning these electronic lab kits as do for books and other items. If you do not return these items on time, there are fees added to your student accounts. Such "late fees" are removed when you return the items back to our library. Additionally, I'll be tracking how many students checked out these kits and which of you did not return these kits. I will not assign your final grades until I see that all kits that were checked out have been returned.