

Lab reports

Each Lab requires a written report. As with all assignments in the class, there will be one lab report per group. The report should be printed and stapled together. The report is due at the beginning of the NEXT lab session, once the lab is completed. A pdf of the lab report should also be uploaded to Canvas. Due dates will also be mentioned in class and posted on Canvas.

Sections of the Lab report should include the following:

- Cover Page: Includes Lab number, Lab section, date, names and netids of teammates
- Introduction: Short description of what was done in the lab
- Design and Testing: Include design steps involved in the lab and describe your progress in each of the lab sections (for example, in Lab1, describe how the Linux kernel was installed and modified to include the piTFT). Please include any issues you experienced as well as smooth progress in the various sections of the lab. Describe testing you performed to confirm that steps of the lab worked as planned.

Results should also be discussed in this section.

- Did everything perform as planned?
 - Did your team meet the goals outlined in the lab description?
 - Did you complete each week's checkout on time?
- Conclusions: What worked and what didn't work during the lab? Were there any issues you experienced during the lab? Are there any improvements you would suggest? Were there any items that could be clearer in the lab description?
- Code: Each code module should include a header with the names and netids of each team member, Lab assignment number, and date. Clear comments in the code are essential. There are two methods for including code in the report:
 - Required: Code modules should also be uploaded into a directory `netid_netid_LabN`, where `netid` = netids of team members, `N` = lab number, on the `ece5725-f19` server. This directory should be created in the `/home/LabN` directory.
 - Optional: Code may also be included in a Code Appendix in your report.

- General:
 - Please include a cover page as the first page of your lab report
 - Please indicate all team members, net IDs and which lab section you attend
 - Please remember to include page numbers in your report
 - You may print the lab report double-sided
 - Please upload code to the server (and indicate where it is in your lab report). Code listings in an Appendix are optional.
 - Please remember to include code headers and extensive comments in your code

Please plan to include drawings, tables, screenshots, and photos in all sections to support your work. The report should be written and supported with visual elements so that a first-time reader can follow and understand the work you accomplished.