

EE 491 WEEKLY REPORT 11

Group number: DEC1616

Project title: Fluorescence Polarization

Client &/Advisor: Lu Meng

Team Members/Role: Xin Tong, Di Zhao, Tianqi Luo, Le Wei

(All the above information should be there in each weekly report)

✓ Weekly Summary (Short summary about what you did this week)

There are two weeks left before the final presentation. This week, what we have done for project work are taking sample tests for our polarization project and keep modifying to get the best solutions. For presentation, we have decided the presentation distribution.

✓ Past week accomplishments (please describe as what was done, by whom, when)

- ❖ A. Xin Tong: still onto indicators shape modification, and get the master students for helping.
- ❖ B. Di Zhao: done the final version of her part of ppt.
- ❖ C. Tianqi Luo: almost redesign the whole ppt with the help of the advisor, and test the blood sample to get the data of polarization.
- ❖ D. Le Wei: Setup the embedded optical system.

✓ Pending issues (if applicable)

- ❖ A. Xin Tong: the code is not running properly currently, so need the help of the master students to work together for next week.
- ❖ B. Di Zhao: need the photo of the 3D printer.
- ❖ C. Le Wei: the refraction of the light from prim is incorrect, and requires further adjustment.

- ❖ Tianqi: Tianqi and Xin Tong need to incorporate the introduction of the ppt.

✓ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
A	Xin Tong	3	42
B	Di Zhao	2	36
C	Tianqi Luo	5	44
D	Le Wei	3	38

✓ **Comments and extended discussion**

For this week, it looks like Xin Tong was engaging some big problems. The code has been modified into consequence of compiling error. Then, Xin found Zijian and Yilun to work together for helping with this issue. Everyone else looks fine, and just need to update their ppt and test the blood sample for more accurate data.

✓ **Plan for coming week (please describe as what, who, when)**

- ❖ A. Xin Tong: need to solve the compiling errors with two master students to deal with the modification of the indicator shape. Then, update the ppt, especially the internal video of the app.
- ❖ B. Di Zhao: Take photos of the 3D printer, and update on PPT.
- ❖ C. Tianqi Luo: test the blood samples, and get more useful data. Then on PPT, instead of using data table, change it to bar chart table.
- ❖ D. Le Wei: fix the prim refraction problem, and update the PPT.

Summary of weekly advisor meeting (if applicable/optional)

We have showed the update of the PPT, and acquired more advice of updating the PPT. For the next week, we should combine the individuals' PPT into a comprehensive PPT, and on Friday, practice with good arrangement and connection.