
EE/CprE/SE 491 WEEKLY REPORT 1

9/12 – 9/19

Group number: sdmay25-16

Project title: Multi-Channel High-Gain Low Noise Amplifier for High-Frequency Ultrasound Signal Acquisition

Client &/Advisor: Manojit Pramanik

Team Members/Role:

Jon Wetenkamp

Yash Gaonkar

Ethan Hulinsky

Ryan Ellerbach

(All the above information should be there in each weekly report. The format/color scheme etc need not be the same. However, please remove everything that is in a bracket from your final submission. These are just part of the template and need not be a part of the report.)

- **Weekly Summary**

We met with our faculty advisor/client Manojit Pramanik and discussed the project as well as goals and expectations on Thursday. We set up a schedule to meet with Professor Pramanik every other Thursday afternoon to check in and ask any necessary questions. On Monday met with project contact Avishek Das, who will answer any questions and supervise our progress. Avishek helped us to define what our plans for the next month should be.

- **Past week accomplishments**

- As a group outlined expectations and set up meeting times for future weeks.
- As a group discussed goals for coming weeks.
- Yash talked to ETG about getting access to NI Multisim, which is what we will simulate our design on.
- The group met with Avishek and saw the existing system, as well as talked about necessary changes.

- **Pending issues** *(If applicable: Were there any unexpected complications? Please elaborate.)*

- No pending issues this week

- **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u> <i>(Quick list of contributions. This should be short.)</i>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Jon Wetenkamp		3	3
Yash Gaonkar		3	3
Ethan Hulinsky		3	3
Ryan Ellerbach		3	3

- **Comments and extended discussion** *(Optional)*
Feel free to discuss non-technical issues related to your project.
- **Plans for the upcoming week**
 - Team members will work together to create a schematic and run simulations using NI Multisim
- **Summary of weekly advisor meeting** *(If applicable/optional)*
 - Met for the first time, did introductions, and created a plan for future meetings.

Grading criteria

Each weekly report is worth 10 points. Scores will be awarded as follows:

- **8 – 10:** Progress for your project seems to be suitable. Documentation and hours reported by team members are adequate.
- **6 – 8:** There is scope of improvement both in your report and your project progress. Can consult with instructor/TA after class for further inputs.
- **< 6:** Please talk to instructors/TA after class hours about any difficulties that you/your team is facing.

Each weekly report should be unique in that they have a unique set of supporting details for your contributions. So please do not just copy your reports from the previous week. In addition, please avoid any personal pronouns (he, she, I, you). Try to keep your reports as neat as possible.