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Following the SME meeting with Professor Slack regarding the status of P17221's electronic subsystem design the following meeting notes are documented.

He questioned the choice of G code, the response being that our design had to be based off of the output of the GUI we were able to obtain. As making our own GUI is beyond the scope of this project, we elected to obtain one from a sponsor and base our design from that.

Schematic Recommendations:

- Add pin numbers to everything for clarity when constructing the actual circuit.
- Consider adding safety limit switches at the extreme ends of the crossfeed path implemented with a normally closed switch on the motor's cabling.

He liked that we were able to confirm a stepper motor output signal from the Arduino running GRBL, but of course testing using an actual motor is highly desired. He said there may be a motor available for us to test with, and advised that Dr. Lyshevski may have a motor we can use for testing as well.

Next, he encouraged signing up for Senior Design Lab space for our testing. This request can be made via MyCourses under User Links -> Space Requests.

Finally he suggested investigating Teknic as a possible motor vendor. Teknic expressed interest in support MSD teams, and their contact should be obtained by contacting the Tiger Bot team p17201 (Bryan Harper). Teknic motors are often prepackaged with their own controllers but Prof. Slack seemed to think they would be able to provide motors that functioned with GRBL.