

Senior Project - Informal Minutes

10/15/2012

Old Business

- Equipment Safety Training
 - o To start preliminary testing
- Scanning electron microscope
 - o Dr. Hall will meet with Dr. Lovett about student access/use

Advances

- Hayin: Downloaded replicator G for g-code
 - o Found MakerBot Generation 4 Kit Amazon for \$275
- Dana: Ordering
 - o Polypropylene boards were ordered
 - o Syringes 100 units
 - o Cell culture media
 - o Kyles' shtuff
 - Y-axis : rails, lead screw, bolt lead screw
- Brian: Cad design for the syringe

Goals

- Brian: Working on the assembly
- Kyle: discuss when to order stepper motors
- Dana: Did talk to Dr. Lovett about the Scanning electron microscope?
- Hayin: Updates from electronics
 - o Makerbot Kit
 - o Replicator G
 - o G-code
- Kendra: What is the culture dish gonna be sitting on under the uv light?
 - o 15 cm
 - o What are the specs of uv light?
 - o Use of 70% or pure ethanol?