

Senior Design Project 12317 – Nanomanipulator

Minutes from meeting held on 2/15/12

Present:

Rob Hughes
Sabine Loebner
Brad Olan
Jaclyn Bastardi

Meeting ran from 4-5 PM in Senior Design Lab

1. A new major need has been established
 - Cost to manufacture has been limited to \$1000
 - Will need to address this in DDR as Professor Schrlau will be asking questions of how we plan to reduce manufacturing cost
 - Include quantity discount for lot of 50
 - This comes as a fairly challenging surprise to the team. The cost to manufacture was not ranked highly in our needs evaluation and this was not brought up in our SDR
2. Drawing formats discussed
 - Tolerance decided ... if nominal is .47, call out on drawing will be .48
.46
 - Border format also evaluated
3. Jackie is looking into connecting tubes between syringe and piston cylinder
4. Sabine is beginning wire diagram and code

Action Item: Evaluate Cost to Manufacture