

2nd Bi-weekly ME Instructor Meeting

September 30, 2014

Team E19 (M21)

- Ordering parts
 - Normally takes 1 to 2 weeks from time order is given to department to time its received
 - Can take even longer if we have to go through FAMU (like months)
 - The reimbursement process can be difficult so it should be avoided
 - If a part is over \$500 it goes out on a bid
 - See if Dr. Clark has the part we need before ordering it
- Right now we should be focusing on the platform, the interface will be secondary
- There was a Civil project for inspecting concrete
 - Boriscope?
 - Joystick controlled
- Better idea to look into cameras that already pan/tilt as opposed to making our own mechanism
- Make it compatible to multiple types of cameras not only the one we purchase
- Look into remote optimal inspection devices
 - Pipe robots
- If something in a report is not a primary objective it should be noted
 - That way if we do not achieve it the reader will not question
- Need to do analysis on the rover tipping
 - Consider track width/height
 - Possible use of wheels instead of a track