

Senior Design Meeting

Minutes - 9/26/22

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- Wey - discussed the team peer evaluation assignment
- Nestar joined us for digital interface questions etc
- Borris - described microcontroller placement in design
- Nestar - Arduino library is helpful but I²C can be difficult to figure out
 - need to learn as quickly as possible to manage risk
- Borris - we don't plan on writing things from scratch, would be using online libraries
- Nestar - worries about Arduinos talking to each other, making sure inputs don't go outside acceptable input range
 - be wary of anything you find on internet libraries
 - there are a lot of arduinos already on the floor we can use to start testing things now
 - I²C is relatively simple as long as you understand how it works before you start messing with it
- Borris - Arduino Uno supports I²C
 - WiFi control will also be complicated
- Nestar - Test early and often
- Conversation about linear actuators vs. steppers