Meeting Notes @ Foundry

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| --- | --- |
| Member | Present |
| Brooke | ✓ |
| Henry | ✓ |
| Garrett |  |
| Tamra | ✓ |
| Raiyan | ✓ |
| Jihan | ✓ |
| Edward | ✓ |

* Ask Zach about ESC programming
  + Split into two different teams
  + Look into engine torque/efficiency curves
  + Talk to Sam about why he thought it would not work
  + Do inventory for all parts - order new ones
  + Buy joystick???
* Diode idea
  + Condenser
  + C - the number of times of amps you can pull
  + Monitor stuff - make sure we’re not dumping 50 A into the battery
* Recovery with a massive load
  + Full thrust - bring back pod with one system failed
* Battery
  + “Super capacitor on steroids”
  + Full load for a long time - tries to rescue to the pod
  + Once arduino detects battery dropping -> starts to increase the throttle
  + Charging generator -> goes to both rotors and battery -> it will go somewhere
    - Calculate different scenarios?
* End game
  + Current will shoot way up once the drone lands
  + Look into using a cap to reduce battery sudden drop
* Servo and controls
  + Servo si incredibly slow compared to the microcontroller