Prosthetic Arm:

1.) Smooth motion
2.) Plans for EEG & EMG   } for 11/15/16
    EEG - 1kHz, ± 1.5mV
    EMG - ?

Servos:
-Red - 6V $\rightarrow$ (MX-155) Hexfly
-Blue - 6-7.4V $\rightarrow$ (ABDS-996 HTG-HV) Alturn → higher more torque   &position (0-120 is 90°)
-Hand- 5V
-Wrists - 4.6 - 6V - (HS-422) HITEC

<u>Replacing shoulder with DC motor</u>

- look for DC running like servo
    -code
    -pot. control

<u>Intellegent Prostetic Arm:</u>   (week update)

- Worked on operating all the servos on the arm

  - realized that shoulder servos would not support weight
  - swapped out those servos with DC motor for support
  - got it running with code for Arduino

- Currently working on smoothing the movement of the arm and hand. Most servos are running smoothly

  - the wrist needs some assistance
  - locking shoulder while moving elbow servo