

October 30, 2015

By Derek Pridemore

Dr. Hollis revised our torque calculations after we went to him to check our simulation. After it was revised, we worked on our Midterm Report. Robert has finished the initial frame design and finished material selection, I have finished the system block diagram and schematic diagram, Ryan has finished the torque simulation and fitness graph for motors, Jared has finished choosing a variety of motors to include in the fitness graph with specifications that fit our requirements, and Donglin has started on the Arduino code to control the motor. We brainstormed an initial design for the motor worm gear frame model as the current design is very basic and only concerns variable length arm sizes. .