Lab Proficiency Quiz Study Guide

Things to look over:

- Basic Arduino Code/Syntax
  - Write a pseudo code for a scenario
  - Explain what a command will do

- Know the difference between Concept Scoring and Concept Screening

- What makes up the “Arduino Board” and External Sensors
  - On/Off Power Switch, Battery Connection Terminal, Motor Connection Terminal, Arduino Reset Button, External Reflective Sensor Ports, Toshiba Motor Chips, Arduino (ATMega328) Board, External Sensor, and Wheel

- External Sensor Arduino Code/Syntax
  - Know the difference between goToRelativePosition and goToAbsolutionPosition
  - Write a pseudo code for a scenario
  - Explain what a command will do

- Convert the EEPROM Data to engineering variables (System Analysis 1 and 2 labs)

- Know the difference between a Pusher to a Puller/Tractor Configuration

- If given a Supplied Power vs. Time plot, pick out the phases that best represent a certain Arduino Function Call.