**Spine Biomechanics Task List (Ordered)**

* Install/learn Logix 5000
* Power Motor Controller
* Connect and Communicate with Motor Controller
* Power Motor Driver
* Connect Motor Driver to Motor Controller
* Connect Motor to Motor Driver
* Create basic move motor program
* Add torque control to the move motor program
* Power Load Cell
* Connect Load Cell
* Communicate with Load Cell
* Create simple User Interface for input parameters
* Add graphs to User Interface

**Spine Biomechanics Timeline**

* **Week 1**
  + Install/learn Logix 5000 program
* **Week 2**
  + Power Motor Controller
  + Connect and Communicate with Motor Controller
* **Week 3**
  + Power Motor Driver
  + Connect Motor Driver to Motor Controller
  + Connect Motor to Motor Driver
  + Create basic move motor program
* **Week 4**
  + Add torque control to the move motor program
* **Week 5**
  + Power Load Cell
  + Connect Load Cell
  + Communicate with Load Cell
* **Week 6**
  + Create simple User Interface for input parameters
* **Week 7**
  + Add graphs to User Interface