

## AME30358 – Tech Memo Score Sheet

### M2 – Introduction to Actuators

Name(s): \_\_\_\_\_

For more details on any of the items below, please refer to the lab handout.

**The following items will be *demonstrated* to the lab instructor during lab.**

Item and Description	Points Awarded	Possible Points
<b>Station A: Solenoid Linear Actuator</b> The solenoids fire in the correct sequence via the Arduino and Darlington driver circuit.		4
<b>Station B: DC Motor</b> The motor speed is successfully controlled using the Arduino and L298N.		4
<b>Station C: Pneumatic Cylinder</b> The cylinder periodically extends for 3 seconds, then retracts for 3 seconds.		4
<b>Clean-up</b> The lab bench was returned to its initial state. The code was properly archived in the code library.		2
<b>TOTAL</b>		14