

## AME 40453 – Tech Memo Score Sheet

C5 – Actuators

NDID#: \_\_\_\_\_

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: DC Motor</b> The motor speed is successfully controlled using the Arduino and L298N.		4
<b>Station B: Stepper Motor</b> The stepper motor takes 5 seconds to complete one clockwise rotation, then changes direction for a 5 second counter-clockwise rotation.		4
<b>Station C: Pneumatic Cylinder</b> The cylinder periodically extends for 3 seconds, then retracts for 3 seconds.		4
<b>Homework (due Friday at the beginning of C6)</b> The 80-20 is correctly assembled, and the milled hole pattern matches the DC motor.		8
<b>TOTAL</b>		20