

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