

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