AME 20216 – Score Sheet

A8 – Microcontrollers

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 the allotted lab time. Credit will not be given for portions completed outside of lab.

Item and Description	Points Awarded	Possible Points
Part I: Digital Flip-Flop Pressing the button toggles between the yellow and green LED.		4
Part II: Measuring Pressure The correct pressure and airspeed are displayed in the Arduino serial monitor.		4
Part III: LCD Screen - Hello World! The Hello World! message is printed to the LCD screen.		4
Part IV: Avionics Interface The correct pressure and airspeed are displayed on the LCD screen.		4
Part V: Design Challenge The correct pressure and airspeed are displayed on the LCD screen. Pressing the button toggles from units of Pa and m/s to inH2O and mph.		3
Clean-up The students returned the lab bench to its initial state.		1
TOTAL		20