

# AME 21216 – Tech Memo Score Sheet

A8 – Digital Sensors

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

Lab Section (Day/time): \_\_\_\_\_

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

<b>Item and Description</b>	<b>Points Awarded</b>	<b>Possible Points</b>
<b>Technical writing and format</b> – Please address all questions from the lab handout in the paragraphs and captions. You should have the relevant equations in your paragraphs.		4
<b>A table containing temperatures measured by the thermocouple and MCP9600 compared with the known standards</b>		3
<b>Plot of measured height <math>h</math> vs. time <math>t</math> for multiple bounces of the ball</b>		3
<b>Plot of measured height <math>h</math> vs. time <math>t</math> for a single bounce of the ball with a parabolic curve fit (see handout for details)</b>		4
<b>The value of <math>g</math> extrapolated from the curve fit of the height vs. time for the bouncing ball</b>		2
<b>TOTAL</b>		16