

AME 21216 – Tech Memo Score Sheet

A8 – Digital Sensors

Name: _____

Lab Section (Day/time): _____

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

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