

## AME 21216 – Score Sheet

A2 – Galileo's Inclined Plane

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

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
<b>Technical writing</b> – Using the correct format, address all questions from the lab handout in the paragraphs.		3
<b>Equation of motion, <math>x</math> vs. time <math>t</math>, for a ball rolling down an inclined plane</b>		2
<b>Plot of measured distance <math>x</math> vs. time <math>t</math> for the inclined plane with a <i>quadratic curve fit</i></b>		4
<b>Extrapolated value of <math>g</math> with uncertainty (this should go in the caption of previous item)</b>		3
<b>TOTAL</b>		12

## Guidelines for Deliverables

- Use a 12 point “serifed” font such as Times New Roman.
- Document should be double-spaced.
- Document should have 1” margins in all directions.
- Page numbers are required centered at bottom of screen.
- Equations must be numbered.
- All variables must be italicized.
- All variables in an equations must be defined (i.e. “where  $c$  is the speed of sound”).
- Theoretical curves and curve fits should always be smooth and continuous.
- Measured data should be individual markers. If there are more than 20 measured data points, you connect them or use a continuous line.
- Plots should always have axes clearly labeled with units.
- Plots should always be centered with captions beneath labeled Fig. 1, etc.
- Tables should always be centered with captions above labeled Table 1, etc..
- Tables should be black text on white background with the same font as the rest of the document.
- Captions should be the same font as the rest of the document.
- NO TITLES ON GRAPHS

**References** – Tech memos must include 2 references. These can be data sheets from the lab website, articles from the internet, the textbook, etc. References should follow the ASME format. (<https://www.asme.org/shop/proceedings/conference-publications/references>)