

AME 21216 – Deliverables Score Sheet

A13 – Photogate

Student name or 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
The laser is properly connected and works.		1
The CdS photocell voltage divider is properly connected and works.		1
Lab notebook entry is correct format, contains sketch of circuit and other important information.		1
The scope was reset to default, cables disconnected, resistors returned to proper bins, and flash drive erased.		1
The screen shot from the oscilloscope looks correct and has the correct time and date in the bottom right corner.		2
The distance along the inclined plane x corresponding to the change in vertical height is correct (units of cm).		1
The reported pulse time matches the screenshot.		1
The theoretical speed is correct (units of m/s).		2
The measured speed is correct (units of m/s).		4
TOTAL		14