

## AME 30358 – Design Report Score Sheet

M12 – Autonomous Vehicle

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

Item and Description	Points Awarded	Possible Points
<b>Writing and Format</b> - spelling, grammar, readability, captions, and discussion. Should include the following sections: Summary, Design Overview, and Test Results		6
<b>Schematic*</b> illustrating the basic layout of the vehicle.		5
<b>Table containing a bill of materials (BOM) for the vehicle.</b>		5
<b>TOTAL</b>		16

\* No hand drawings—this must be made using computer software. Drawings must have labels indicating what the various components are.

**Overall quality of writing** – The student must clearly explain the procedure and *discuss* the results using college-level English. Reports should avoid long-winded descriptions of the experimental method and focus on discussing the results per the suggested talking points in the lab handout.

## Format

- Use a 12 point “serified” 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”).
- 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..
- Captions should be the same font as the rest of the document.
- References should follow the ASME format.  
(<https://www.asme.org/shop/proceedings/conference-publications/references>)