AME 21216 – Tech Memo Score Sheet

A11 – Chaotic Double Pendulum

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
Technical writing and format – Please address all questions from the lab handout in the captions and paragraphs.		5
For the single pendulum, plot of angular displacement θ_1 vs. t (on left scale) and angular speed ω_1 vs. t (on right scale). (Use 'yyaxis' command in Matlab)		5
For the double pendulum, plot of angular displacement θ_1 vs. t (on left scale) and angular speed ω_1 vs. t (on right scale). (Use 'yyaxis' command in Matlab)		5
TOTAL		15

- 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 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.
- 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)
- NO TITLES ON GRAPHS