AME 21216 – Tech Memo Score Sheet

A12 – Pendulum

NDID#:_____

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.		4
For the single pendulum, plot of angular displacement θ (degrees) vs. t (seconds)		3
For the double pendulum, plot of angular displacement θ (degrees) vs. t (seconds)		3
For the single pendulum, a table containing the following parameters extrapolated from the data: • **The decay constant λ (1/s).** • **The ringing frequency ω_d (rad/s).** • **The radius of gyration R (m).** • **The viscous drag force coefficient γ (Ns/m).**		4
TOTAL		14