## AME 21216 – Tech Memo Score Sheet

A11 – Pendulum

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

Item and Description	Points Awarded	Possible Points
<b>Technical writing and format</b> – Please address all questions from the lab handout in the captions and paragraphs.		4
For the single pendulum, plot of angular displacement $\theta$ (degrees) vs. <i>t</i> (seconds)		3
For the double pendulum, plot of angular displacement $\theta$ (degrees) vs. <i>t</i> (seconds)		3
<ul> <li>For the single pendulum, a table containing the following parameters extrapolated from the data:</li> <li>The decay constant λ (1/s).</li> <li>The ringing frequency ω<sub>d</sub> (rad/s).</li> <li>The radius of gyration R (m).</li> <li>The viscous drag force coefficient γ (Ns/m).</li> </ul>		4
TOTAL		14

For more details on any of the items below, please refer to the lab handout.