AME 21216 – Tech Memo Score Sheet
A10 – Transient Signals

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 paragraphs and captions. You should have the relevant equations in your paragraphs!		4
Plot from FFT code of amplitude vs. frequency (spectral density) for one of the baseball bats		2
Plot of measured strain gauge output vs. time with theoretical curve for one of the baseball bats		5
Plot of measured amplitude vs. driving frequency with theoretical curve for ultrasonic transducer		5
A table containing: • **Resonance frequency f_0 for the UT** • **Damping ratio ζ_{UT} for the UT** • **Ringing frequency f_d for the bat** • **Damping ratio ζ_B for the bats**		4
TOTAL		20