

AME 21216 – Tech Memo Score Sheet

A4 – Electronics II

NDID#: _____

Item and Description	Points Awarded	Possible Points
Technical Writing – Please address all questions from the lab handout in the paragraphs and captions. You should have the relevant equations in your paragraphs.		3
Plot of measured low-pass filter amplitudes V_{OUT} vs. f with theoretical curves		3
Plot of measured low-pass filter phase ϕ vs. f with theoretical curves		3
Plot of non-dimensional, collapsed data V_{OUT}/V_{IN} vs. ωRC with theoretical curve		4
Plot of non-dimensional, collapsed data ϕ vs. ωRC with theoretical curve		4
Plot of measured filter output V_{OUT}/V_{IN} vs. frequency f for filter design (Part II)		3
TOTAL		20

Guidelines for Deliverables

- 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 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.
- **Theoretical equations should be plotted as smooth, continuous curves.**
- Captions should be the same font as the rest of the document.
- References should follow the ASME format.