

Lab 1

ENGR 217

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1 Goals

1. Measure known voltage and assess the measurement uncertainty of the device. ✓
2. Use DAQ to measure an unknown voltage
3. a plot showing the number of samples (N) v. average voltage reading ✓
4. a plot of N v uncertainty in the average voltage reading from the DAQ ✓
5. Measurement and uncertainty of the unknown voltage
6. plot showing the data taken for the unknown voltage measurement
7. discussion in differences of both uncertainties