

# EAS 199B: Checklist for thermistor calibration

Date:

Group members:

Sub-project Leader

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Your score	Max score	
_____	10	At least one histogram of raw readings (at one T) to demonstrate variability of raw data
_____	10	Data table with at least 10 readings of averaged V versus T
_____	10	Plot of curve fit to $V = f(T)$ . Coefficients of the curve fit are given to at least five significant digits. Coefficients are easily read and not just in the body of the plot
_____	10	Plot of curve fit to $T = f(V)$ . Coefficients of the curve fit are given to at least five significant digits. Coefficients are easily read and are not just in the body of the plot
_____	10	Listing of the Arduino function for computing $T = f(V)$ that implements the calibration.
_____	50	Total

Sub-project Leader

_____	5	Clear and responsive communication with instructor
_____	5	System is organized and ready for in-class verification
_____	5	All team members are knowledgeable about system operation
_____	15	