

Design, conduct and analyze results of an experiment to utilize an NTC Thermistor for a temperature sensing application. Assume any missing information.

Note: Available sensor part number: RL2012-5506-120-K

General Requirements

1. Experimental procedure including detailed steps for all parts including the analysis of the results must be approved by instructor before conducting experiments.
2. You are free to select any components you prefer for your experiments.
3. You should be prepared to demonstrate your experimental setup and answer questions in all aspects related to your experiment.
4. You should work in the groups of students already formed. One report should be submitted on behalf of the whole group.
5. You may use any resources you find useful to your experiment as long as you acknowledge such use in your report in accordance to ethical guidelines.
6. Please use the EE 370 Lab Report Preparation Guide to properly document your experiment in the report.

- *Assigned:* April 9, 2015
- *Deadline:* TBD
- *Submission:* Paper or Electronic form (PDF) to instructor's email address: ykadah@kau.edu.sa