

# ECE 111:Handout #19

ECE 321 Electronics II - Sensors and Calibration

Assume a thermistor has the following R/T relationship

$$R = 1000 \exp\left(\frac{3905}{T+273} - \frac{3905}{298}\right) \Omega$$

where T is the temperature in degrees C. If you read 3.00Volts for the following circuit

- What is R?
- What is the temperature (T)?

