AME 40453 – Tech Memo Score Sheet
C3 – PID Temperature Controller

NDID#:_____

For more details on any of the items below, please refer to the lab handout.

For all plots listed below, include a horizontal line denoting the set-point temperature.

Item and Description	Points Awarded	Possible Points
Technical writing – Using the correct format, address all questions from the lab handout, and include equations from the pre-lab.		5
A table containing the measured and extrapolated parameters from Part IV: T_{Air}, T_{max}, heater power q, time constant τ, mc_p, and Ah		6
Part V - A plot of the temperature vs. time for at least 3 different values of k_p		5
Part VI – A plot of at least 2 temperature vs. time traces showing how the derivative gain dampens oscillations		5
TOTAL		21