

ME 121: Checklist for temperature control

Date:

Group members:

Sub-project Leader

Your score Max score

_____	10	Plot(s) showing measurement of constant K for the thermal response of the system.
_____	10	Value of K is reasonable
_____	10	Relay circuits for heater appear to be correct
_____	10	LCD panel displays heating status and water temperature, in addition to the salinity control status
_____	15	System responds to disturbance caused by addition of warm or cold water: Heater turns on as needed; system returns to equilibrium
_____	55	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	