

**ECE 2036 Mbed Thermostat Checkoff Sheet**  
**Due Date: Friday, September 14**

Name: \_\_\_\_\_

<b>Demonstration</b>	<b>TA Signoff</b>
<b>Heating (70%)</b> Turn heater on and off using temperature sensor with hysteresis	
<b>Heating and Cooling (10%)</b> Control both heating and cooling with two different set points	
<b>Data Logging (10%)</b> Log time, state, and temperature to a text file while thermostat is operating	
<b>User Input (10%)</b> Change temperature up and down using pushbuttons on operational thermostat	
<b>Early Completion (10% extra credit)</b> All parts demonstrated to TAs by Tuesday, September 11	

**Note:** Print out and bring this sheet for demonstrations. If you do more than one demonstration, save this sheet until all of your demonstrations are complete and return to TAs at your final demonstration