27 October 2020

Tuesday

1122

Design a room controller from what we did in class. Don’t make it complicated.

Be able to adjust the 5 room lights with existing program

Encoder

buttonPush\_1:

take the room temperature.

If (65<=roomTemp<=72) {

ledClear=true

((“Current Temp is, %i /n”), currentTemp) {

Digital.print(“Within operating perameters”);

else (roomTemp>72) {

ledRed=TRUE

}

else (roomTemp <65) {

ledBlue=TRUE

}

}

Put ((“Current Temp is, %i /n”), currentTemp) {

If current Temp is between 65 – 72

Digital.print(“Within operating perameters”); to screen

Turn on the wemo devices.

buttonPush\_2

Teensy outlets to encoder go HIGH (20,21,22,23)

buttonPush\_3\_long