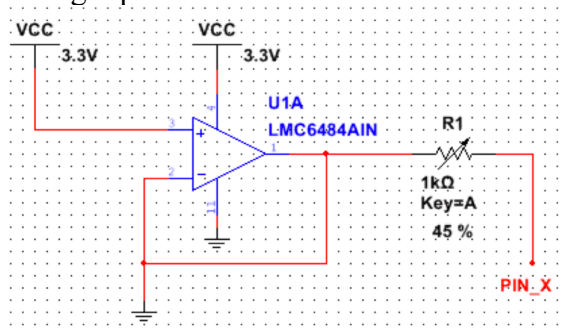


EE 40 Final Project Proposal

Charles Lee, Xinhe Ren

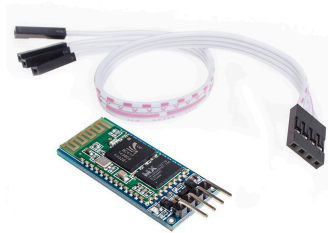
Thursday 2-5 pm lab

1. We will add a Bluetooth transceiver to an Arduino Uno in order to let the microcontroller to communicate to a laptop wirelessly. We can then control the robot with a Myo armband that steers the robot through laptop commands via Bluetooth. We can also add a potentiometer to change the speed of the robot.
2. A voltage follower is needed for the potentiometer. The potentiometer alters the voltage analog input into the microcontroller.



Shopping list:

- JY-MCU Arduino Bluetooth Wireless Serial Port Module (\$9.99)



[Datasheet](#)

[Amazon Link](#)

- Wheels (price unknown)

3.

