Required Equipment

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Required Equipment: These are required for succeeding in this course. The links provided will take you the recommended models at the recommended

1.) Raspberry Pi: $35.00

<http://www.newark.com/raspberry-pi/2773729/sbc-arm-cortex-a53-1gb-sdram/dp/49AC7637>

2.) Power Supply: $7.99

<https://www.amazon.com/LoveRPi-Certified-MicroUSB-Raspberry-Computer/dp/B01F1LVZ0G/ref=sr_1_20?s=electronics&ie=UTF8&qid=1534368504&sr=1-20&keywords=power+supply+raspberry+pi+3+b%2B>

3.) Raspberry Pi Case: $5.99

<https://www.amazon.com/LoveRPi-Raspberry-Model-GPIO-Case/product-reviews/B01M0OFIVX>

4.) Memory Card: $11.00

<https://www.amazon.com/Samsung-MicroSD-Adapter-MB-ME32GA-AM/dp/B06XWN9Q99>

*It is recommended to buy a 32Gb memory card because some problems could arise if you use anything bigger or smaller than 32Gb.*

5.) HDMI Cable: $1.00

<https://www.amazon.com/HDMI-CABLE-6-feet/dp/B00068NUO4/ref=sr_1_4?ie=UTF8&qid=1534447232&sr=8-4&keywords=hdmi+cable>

Optional Equipment: The following equipment are available in the lab, but these may be helpful in the event that there are not enough for everyone.

1. Arduino Due Clone: $16.89

<https://www.banggood.com/Arduino-Compatible-DUE-R3-32-Bit-ARM-With-USB-Cable-p-906466.html?rmmds=cart_middle_products&cur_warehouse=CN>

2. Breadboard, wires, sensors:

<https://www.banggood.com/Basic-Starter-Learning-Kit-UNO-R3-1602LCD-Sensor-Breadboard-For-Arduino-p-1085891.html?rmmds=search&cur_warehouse=CN>

3.) KeyBoard (USB): Ask the Instructor for your lab, he may or may not extras.

During the lab, there will be keyboards provided, but they are not allowed to leave the lab. It may be worth it to pick up your own keyboard to plug into the raspberry pi.

4.) Mouse (USB): Again, ask the Instructor, as he may or may not extras. During the lab, there will be mice provided, but these mice are not allowed to leave the lab.

5.) Monitor/TV (HDMI): Good to have if you want to test your code outside of lab.