

## Raspberry PI Class materials

Last update: Nov, 2017

XX : Do not buy it from amazon, as you never know if you will get counterfeit

XX	<a href="#">Sandisk 16GB Class 10 Micro SD Card (or 32G)</a>		\$	20.00	
XX	<a href="#">PI 3 - model B *** (make sure it is PI-3)</a>		\$	36.00	
	<a href="#">GPIO Breakout w/ Cobbler</a>		\$	8.00	
	<a href="#">PIBOW COUPÉ FLOTILLA - ENCLOSURE FOR PI 2/B+/PI 3</a>		\$	12.00	
					\$ 76.00
	micro-usb cable ( get a good quality one - skip the thin wires ones)				
	usb wall adaptor, make sure it has 2A output				
XX	<a href="#">6" jumper male-to-male cables - red</a>	10-pack	\$	2.70	
XX	<a href="#">6" jumper male-to-male cables - black</a>	10-pack	\$	2.70	
XX	<a href="#">6" jumper male-to-male cables - white or green</a>	10-pack	\$	2.70	
XX	<a href="#">6" jumper male-to-male cables - yellow</a>	10-pack	\$	2.70	
XX	<a href="#">6" jumper male-to-male cables - blue</a>	10-pack	\$	2.70	
	full size breadboard		\$	5.00	
	bend wire kit		\$	5.50	
	push buttons	5-pack	\$	1.00	
	3 LEDs -	25-pack	\$	5.00	
	<a href="#">RGB LED</a>	5-pack	\$	5.00	
	or these RGB LEDs				
	a couple of potentiometer	10-pack	\$	1.00	
	a box of resistor		\$	8.00	
	a couple of photocells		\$	1.50	\$ 45.50
					<u>\$ 121.50</u>

Do not need them now. Will need to get them when you get to do OpenCV

Probably approaching to the end of the term.

	any usb micro usb cable will do. (prefer <=6in)				
	<a href="#">USB Battery pack 5200mAh (2A output)</a>			\$18	
XX	<a href="#">Pi Cam</a>			\$25	