

Your group is responsible for the Crazyflie and extra accessories given to you for this project. If you do not return the items at the end of the quarter, your grade will be withheld until items are returned. Normal wear and tear to the items is acceptable and we understand that accidents sometimes happen, but if there is evidence of mishandling (e.g. threw it in a backpack without protection, lost) then you will be held responsible for replacement costs.

Below is a list of the items checked out to you with replacement costs. Some of the items in the Crazyflie 2.1 bundle are able to be replaced individually and the prices for those are listed in parenthesis.

When flying the crazyflie, certain items tend to break with normal use. You may ask your TA for spares of these items if you run out, at no extra cost. These items are **propellers, motor mounts, and deck connectors**. Please note that we have a limited supply of these spare parts and you will be charged if you use up an excessive amount of these due to reckless flying.

If a part stops working unexpectedly, and you do not have a replacement, please ask your TA. If the problem is not your fault, we will not charge you.

Item	Price
Crazyflie 2.1 bundle <ul style="list-style-type: none"> <li>• 1 Crazyflie pcb</li> <li>• 5 motors (\$10 for 4)</li> <li>• 6 motor mounts (\$5 for 4)</li> <li>• 10 propellers (\$5 for 8)</li> <li>• 1 microusb cable</li> <li>• 1 battery</li> <li>• 1 plain deck (\$4 for 1)</li> <li>• 4 header pin rows (\$2 for 8)</li> </ul>	\$195
Flow Deck v2	\$45
CrazyRadio PA	\$30
Extra battery + charger	\$8
Prototype deck	\$4

Guidelines for safe crazyflie use:

- Fly close to the ground if possible, not on top of tall surfaces such as tables.
- Fly in large areas where the crazyflie will not run into things.
- If the crazyflie is behaving erratically and will crash, pull out the radio from your computer, this is the fastest way to get the crazyflie to stop flying.
- If the crazyflie has crashed and the motors are still spinning, pull out the radio from your computer immediately. If the motors are left spinning when the crazyflie is not flying, you can easily burn out the motors.
- If the crazyflie has crashed, restart the crazyflie before flying again to recalibrate sensors.
- If the crazyflie flies off to one side when taking off, land, remove the propellers and make sure there is no dust/lint stuck to the motor shaft.
- Store your crazyflie in the provided bubblewrap and box unplugged from the battery when not in use.