

Introduction to Python

As we continue to develop our horizons, we need to learn to interact with data we collect. In this group, we will be using a programming language called Python to help us along with this.

Python is a simple syntax programming language that allows the coder to use process large amounts of data while interfacing with other files. This is different than what we have done to this point in Arduino. We will generally use the Arduino devices to directly interface with systems. These devices will then send data back to a computer or other device running a python script.

We will begin by having you learn the basics of python. We will be using an external system to aid in this.

Navigate over to <https://www.codecademy.com/learn/learn-python> and create an account using your email and fill out any information they require. Please ensure that you do not pay for this service at this time. We will only need the services that the free version offers.

Please complete this course. Take notes throughout the course over functions that may be useful (importing and exporting files, searching through lists, data structures, etc.) Periodically, there will be additional trial material to supplement your learning.