

# Syllabus: Programming

## Contact Information

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<http://cramseyops.weebly.com/>

## Course Description

In this one-semester course, students will learn about the basics of programming in the Python language. They will learn about the syntax of this language, variables and data types, conditional logic, and loops. By the end of the semester students should be able to design, write, and debug simple programs in Python. They should also know enough about programming to continue their learning in a classroom environment or on their own.

## Course Materials

- Pens for writing
- Binder or space in a binder
- Loose paper.
- Helpful: Internet access at home or library.

Computer access will be provided at school. Be sure you have access to a school email.

## Grades and Assignments

### Major Grades (60%)

A Program is an opportunity to demonstrate programming skills by designing and writing a program from scratch. These will be graded by rubric according to how well they fulfill the given requirements.

### Minor Grades (40%)

An Exercise is a short, casual programming assignment intended to demonstrate a small number of skills. Any other assignments would also be considered Minor ones.

### Late Work

Late or missing work will receive zero credit. Assignments will only be accepted late if a serious emergency (such as an accident or injury) occurred. The parent/guardian must provide the teacher permission in writing. This must occur within a week of the due date.

### Procedure

Programming assignments will be submitted online using a web system called Python Anywhere. Students will be instructed in these procedures during class.

Assignments will be placed on the Weebly page. For certain assignments, solutions will be as well. The student should be responsible for checking for assignments that were missed because of absences. These assignments will have their due date extended by a day for every day of absence.

## Classroom Conduct

It is crucial that the classroom remain an orderly space where students are free to learn. Students will receive specific instructions in class. Here are some guidelines.

- Bullying or abuse is not acceptable.
- Do not use language that is vulgar, obscene, or could be considered a slur.
- Practice academic honesty.
- Keep phones put away except in the rare cases that they are needed for an activity.
- Keep food and open drinks put away.
- Sit in assigned seats or with assigned groups.
- Follow instructions concerning movement in the room.
- Use the materials indicated, and get them at the assigned time.
- Follow the Honor Code.
- Maintain the given VL for the activity.

### Bathroom/Water

Students who wish to leave class to use the bathroom or get water should fill out a pass and leave their phone in the classroom. Each student gets a limited number of passes each quarter.

### Computer Safety

Students will be expected to follow the School Acceptable Use Policy. Students will be expected to stay on the websites assigned by the teacher during class time. Pranks, misusing computer systems, gaining private information, or visiting inappropriate sites is unacceptable.



