Python Programming

Course Syllabus 2021-22

Instructor:

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"Injustice anywhere is a threat to justice everywhere. We are caught in an inescapable network of mutuality, tied in a single garment of destiny. Whatever affects one directly, affects all indirectly." Martin Luther King Jr.

Class Section

Period 2 Room 102

Course Information

Description

Length/Credit: 1 semester/0.5 credit

Overview: This introductory course teaches principles of Python programming through simple game creation. You will acquire the skills that you need for practical applications and will learn how these skills can be put to use in real-world scenarios. No experience necessary as this is meant for someone brand new to programming.

Detailed Description: This course introduces students to computer programming. Students learn to program with the Python programming language. No experience necessary as this is meant for someone brand new to programming. Students will develop computational thinking and build career awareness in computing. This is an excellent course to help you further succeed in other AP Computer Science courses.

Course Site

Google Classroom Code: mcoueaq

Learning Objectives

- Why Python?
- Types, Variables, and Simple I/O
- Branching, While Loops, and planning your programming
- For Loops, Strings, and Tuples
- Lists and Dictionaries
- Functions

Learning Resources

Python Programming, For the Absolute Beginner by Michael Dawson (3rd Edition)

Course Overview

This course is a complete introduction to programming, no experience necessary. It is a fun course which shows you the basics of programming and then lets you solve problems using what you have learned. We use a website called codelab to practice what we have learned and we also work on problems from our textbook.

Student Expectations

Attendance and Engagement

For this school year I will be flexible. I will create a classroom that works for us no matter what comes our way. We don't know exactly what will happen, but the way I am setting up our class means I am ready to teach in person or online. Attendance is important but if you are sick, I want you to stay home. You won't fall behind and because of the way I am setting up our course, you won't have a hard time to get caught up.

Academic Honesty

Mr. Sovick makes the assumption that students want to learn and students signed up this course on their own free will. He also believes that, as high school students, you should be preparing yourself for life. That means you will be treated like an adult. Cheating, copying, looking up solutions online all hurt yourself in the end. Mr. Sovick will assume the best in you because he trusts that you have your own self interest at heart. Work hard and think about your future and you will be better off in the end.

Communications and Self-Advocacy

The preferred method of communication is through remind.com. Please use that tool as the main communication piece between Mr. Sovick and yourself.

Policies & Procedures

Attendance

Attendance will be taken as directed by the BHS student handbook.

Grading

Grades will be calculated using total points.

Bainbridge High School reports grades at the end of each semester; progress reports are available for at the end of Term 1 and 3. Letter grades are calculated using the following grading scale:

Grade	High	Low
A	100.00%	93.00%
A-	92.99%	90.00%
B+	89.99%	87.00%
B	86.99%	83.00%
B-	82.99%	80.00%
C+	79.99%	77.00%
C	76.99%	73.00%
C-	72.99%	70.00%
D+	69.99%	67.00%
D	66.99%	60.00%
F	59.99%	0.00%

Submitting Assignments

Assignments will be turned in via Google Classroom and Code Lab.

Late work can be turned in and will be accepted for full credit. If this becomes a problem with individuals then Mr. Sovick will discuss this with you personally.

Students are expected to master a majority of the class objectives which means there will be times when retesting is appropriate.

Technology

Students are expected to have a computer that is connected to the internet. We will use a web based integrated development environment (IDE) called Repl.it. We also use a web based textbook. Students can rely on a school issued Chromebook and it will work fine.

Cell phones are part of life today. Part of being in high school is preparing yourself for life after high school. Mr. Sovick expects you to be responsible with your use of your cell phone. He will hold you to that expectation until you prove you cannot handle it. If that is the case then Mr. Sovick will work with you individually to find a solution.

This document can and will be updated as needed