



## **Student FAQ**

### **Summer 2022 Session of Coding Classes**

*What courses and workshops are available this session?*

The courses offered this Summer are:

- Python
- Mobile Application Development
- Cybersecurity
- Scratch

Along with the following workshops:

- HTML/CSS
- Cryptography.

*What will be the structure of this session?*

Courses will have students meet once a day for a week, Monday through Friday. Classes each day range from 1-2 hrs at various times in the mornings or afternoons.

Workshops are conducted over the weekend of July 16-17, lasting 1.5 hrs each day.

*When does the session begin?*

The session begins July 11 and ends July 22.

*What materials are required to participate?*

A student should have a gmail account with an updated web browser, like Chrome or Firefox, installed. We also use Zoom so you may also prefer to have this installed as well.

*How was the curriculum created?*



Blissful Coding Club uses learning material from various nonprofit organizations such as Harvard's Creative Computing Lab, Carnegie Mellon University's School of Computer Science, and the Scratch Foundation, some of which follow standards created by [CSTA](#) .

*What grades should the student be in?*

We have courses available for all grades 2-12. Please look at the schedule below to see which courses the student can take.

*What is the schedule?*

<b>Summer 2022 Schedule</b>			
*Camps: 1 week long, presentation day on Saturday			
*Workshops: 1 weekend only, 1.5 hrs each day			
* all classes and workshops are 100% free and virtual			
<b>Beginner Python</b>	July 11-15	10am-12pm	Grades 2-5
<b>Intermediate Python</b>	July 11-15	10am-12pm	Grades 6-8
<b>Advanced Python</b>	July 11-15	10am-12pm	Grades 9-12
<b>Beginner Cybersecurity</b>	July 11-15	1pm-2pm	Grades 2-6
<b>Advanced Cybersecurity</b>	July 11-15	1pm-2pm	Grades 7-12
<b>Beginner Scratch</b>	July 18-22	10am-12pm	Grades 2-5
<b>Advanced Scratch</b>	July 18-22	10am-12pm	Grades 6-12
<b>Beginner App Dev</b>	July 18-22	1pm-3pm	Grades 2-5
<b>Advanced App Dev</b>	July 18-22	1pm-3pm	Grades 6-12
<b>Workshops:</b>			
<b>HTML/CSS</b>	July 16-17	11am-12:30pm	All grades
<b>Cryptography</b>	July 16-17	2pm-3:30pm	All grades

*Which Python class should a student be in?*

Python requires learning a new syntax and semantics. We learned a lot on how to help students learn a programming language depending on their age, and we hope one of them meets your student's level of proficiency.

Beginner Python is designed to introduce elementary school students to Python. This course is for children who are very enthusiastic about coding, but need extra instruction from our volunteers.



Intermediate Python uses CMU's CS Academy curriculum that is geared towards students in grades 7-12. We recommend students take this course when they are able to work independently.

Advanced Python is a course we built specifically for highschool students who are interested in STEM careers. Instructors cover more advanced topics that help students apply their coding skills into the problem solving process. Students who have done CS academy, or have been exposed to programming in school, should take this course.

*What is the cost to attend?*

Blissful Coding Club is a nonprofit organization and offers these services for free!

*Where can I donate?*

Donations can be submitted through our [Paypal](#). Thank you for your support!

*Who teaches classes at Blissful Coding Club?*

The majority of Blissful Us instructors are undergraduate STEM Students with a Computer Science background who have taken at least one programming course.

*I have more questions.*

Please email [info@blissfulcodingclub.org](mailto:info@blissfulcodingclub.org) with any further questions you may have.