



“Avi I.T. is a non-profit organization that works to introduce computer science to students for free through summer camps, pop-up events, community partnerships, and tech drives. We travel to underfunded schools and community centers to provide our classes, and we hope to mitigate the diversity gap in the computer science field by ridding all barriers - including financial and resource barriers - that may stop parents from enrolling their children in computer science classes.”

Disclaimer:

At Avi I.T. we never want individuals to pay out of pocket for our courses. This is why our slogan is “code for free.” We strive to mitigate all barriers that may stop people from enrolling in computer science courses. This is why we host free events throughout the year at our center and in the community. These events are funded through our organization and individuals never have to pay for these classes. We are known for our free summer program and afterschool program which you can find out more about on our website. Since we provide our classes for free in the community, offering our classes to outside organizations for no cost would cause us to struggle financially. We purchase all of our materials needed for courses and after time new materials are needed and items are damaged. Moreover, we pay our instructors for their time spent teaching and preparing for lessons, as well as their time and money spent traveling and hauling devices/materials. Our instructors are individuals from the community who we are providing with a job and economic growth opportunities (check out our website for more information pertaining to this). This is why we charge a cost to those looking to offer our courses. We consider our rates to be discounted and affordable - in comparison to other companies - to take organizations’ budgets into account. With that being said, we do not want there to be any barriers that stop organizations from offering our courses. If your school, organization, or community center is not able to afford our courses, we will work with you as best as we can to provide our courses at little to no cost. One day, we hope that we will not need to charge for offering our courses to outside organizations, but until that day, we hope you understand why we do request a

fee and why we are willing to make acceptions to our fees to ensure that computer science education is truly accessible.

Cost:

The cost of a course is dependent on several factors:

- Course level
- Course duration (number of weeks, number of days per week, hours spent for each class)
- Materials provided (each course requires a different amount of materials)
- Amount of device rentals (we provide laptops when needed)
- Amount of expected participants in the course (if more than 10, we will need to send additional staff)

\$100.00 per class (2 hours) is our standard rate

This includes:

- Courses at beginner/all level
- Materials required for the course

Additional charges:

- \$40.00 per class (2 hours) intermediate level
- \$80 per class (2 hours) advanced level
- \$50 device rental (5 laptops) per class
- \$50 11-15 participants
- \$75 16-20 participants
- \$100 22-26 participants
- \$25.00 for each additional hour of class

Level Key:

Beginner: no experience necessary

Intermediate: some experience with computer science/coding (ex: have taken a class with us before or have coded before)

Advanced: lots of experience with computers science/coding (ex: students who have taken our intermediate classes in the past or students who have coded full projects)

Note: The levels listed for a course are only recommendations, but they should be highly considered.

Class Duration:

When booking, please specify to us how many weeks you would like us to offer a course and how many days a week. When we have this information, we will recommend how many hours each class in the course should last. The durations listed in the course descriptions are recommendations based on our past events. Class duration and frequency can be altered as needed.

Our Courses:

Website Development

In this 7-week course, students will create their own website using HTML, CSS, and JavaScript. They will gain basic computer science knowledge and have a firm understanding of what pursuing STEM entails.

Level: Beginner/All

Age: 7+

Recommended duration: 1 hour per class, 1 day per week, 7-weeks

Game Development

Option 1:

In this 5-week course, students will create a game of their own from scratch using block-based coding or JavaScript and have the opportunity to test their game on a physical gaming device (Meowbit). They will be introduced to computer science terms and develop an understanding of what pursuing STEM entails.

Level: Beginner/All

Age: 7+

Recommended duration: 1 hour per class, 1 day per week, 5-weeks

Option 2:

In this 7-week course, students will create a game of their own from scratch in C# on Unity (an advanced game development platform). They will explore the world of 2D platformer games and have the opportunity to upload their game to an app store.

Level: Advanced (strongly recommended)

Age: 12+ (exceptions can be made for younger students at the advanced level)

Recommended duration: 2 hours per class, 1 day per week, 7-weeks

Option 3:

In this course, students will create a game of their own from scratch using block-based programming on Scratch and they will be introduced to computer science terminology.

Level: Beginner/All

Age: 5+

Recommended duration: 2 hours per class, this course can be extended

to offer more classes where students can create different games

Robotics

In this 4-week course, students will program (using block-based coding), play, and build robots from scratch. They will learn about jobs in the computer science field and gain knowledge about artificial intelligence, and machine learning.

Level: Beginner/All

Age: 7+

Recommended duration: 1 hour and 30 minutes per class, 1 day per week, 4-weeks

App Development

Option 1:

In this 7-week course, students will be introduced to computer science, will learn coding terminology, will design and code a mobile app of their own from scratch (using block-based coding), and have the opportunity to test their app on a mobile device.

Level: Beginner/All

Age: 7+

Recommended duration: 2 hours per class, 1 day per week, 7-weeks

Option 2:

In this 7-week course, students will design and code a mobile app of their own from scratch in JavaScript using Android Studios (an advanced app developing platform). Students will have the opportunity to upload their app to an app store.

Level: Advanced (strongly recommended)

Age: 13+

Recommended duration: 2 hours per class, 1 day per week, 7-weeks

Artificial Intelligence Development

Option 1:

In this 4-week course, students will learn about artificial intelligence (AI) - including terminology - do several AI experiments, explore and play with AI, and will have the opportunity to code AI software.

Level: Intermediate (recommended)

Age: 7+

Recommended duration: 1 hour and 30 minutes per class, 1 day per week, 4-weeks

Option 2:

In this course, students will learn about artificial intelligence (AI), coding terminology, and will create artificial intelligence software using block-based coding on Scratch.

Level: Beginner/All

Age: 7+

Recommended duration: 2 hours per class, this course can be extended to offer more classes where students can create different AI projects

Scratch

In this course, students will learn coding terminology and create a choose your own adventure story of their own using blocked-based coding in Scratch.

Level: Beginner/All

Age: 5+

Recommended duration: 2 hours per class, this course can be extended to offer more classes where students can create different stories

Technology Repair

In this course, students will learn about the hardware components of computers, have an opportunity to disassemble and reassemble a computer, and will learn about the processes used to fix computer hardware.

Level: Intermediate

Age: 13+

Recommended duration: 2 hours per class, this course can be extended to offer more classes where students can learn how to fix specific damages

Introduction to Computer Science

In this course, students will learn about the computer science field, how coding works, how the internet works, and how computers process information.

Level: Beginner/All

Age: 13+

Recommended duration: 2 hours per class, this course can be extended to offer students a general Q&A about technology.

For any questions feel free to give us a call at 302-268-6649
To request a course/topics you would like us to offer email us at Contact@avi-it.org

Para clases en Español por favor llama 302-268-6649

Course Booking Form:

<https://forms.gle/iAjSuzY6qGGBgc8g8> (English)

<https://forms.gle/y2naR5caKMpofEqDA> (Español)