KIDS ROBOTIC ACADEMY
summer camps 24

KRA - KIDS ROBOTIC ACADEMY - IMAGINE · BUILD · PROGRAM · LEARN - ROBOTICS STEM CURRICULUM

Weekly Competitive Camps: May 28th, 2024 - August 16th, 2024

Half Day
9 - 12 or 1 - 4
$450 / week

Full Days
9 - 4
$599 / week

1 Vex RoBotics Camps

Age: 12+
Competitive - Full Days
Date: Jul 8 -12 & 15-19

Throughout the course of this camp, each and every student will participate in hands-on experience by working in small teams of three to five people to design, construct, program, and operate a VEX robot. In addition to the scientific and engineering aspects of robots, this program fosters inventiveness, leadership, teamwork, and problem-solving among groups. Additionally, it introduces the concept of alliance collaboration and selective selection. The students will have two robots compete against each other in the teamwork Challenge as a form of alliance in teamwork matches that last for sixty seconds and require them to work together in order to earn points.

Note: Java, Python Programming experience is required.

2 FTC Program Intense Camps

Age: 12+
Competitive - Full Days
Date: Jul 29- Aug 2 & 5-9

Participants in the FIRST Tech Challenge acquire the ability to think like engineers. Through the process of designing, constructing, and coding robots, teams compete against one another in an alliance format. A reusable platform, powered by Android technology, and the ability to code robots using a variety of levels of Java-based programming, 3D design engineering processes are the foundations upon which robots are constructed.

In order to achieve your season goal, you should learn how to give back to the community by utilizing your technical and non-technical skills, as well as your presentation skills. Additionally, you should learn how to create a business plan and budget. Make connections with experts in order to improve your skills and receive leadership guidance order to be on the path to success.

Students will also learn Machine learning which is a branch of Artificial Intelligence (AI) and computer science that mainly focuses on the use of data and algorithms to imitate humans learn, gradually improving its accuracy using TensorFlow..

Note:
Previous experience competing in robotics is a plus. Before enrolling in this camp, students are required to demonstrate proficiency in either scratch or java programming.

3 FLL Program Intense Camps

Age: 10+
Competitive - Full Days
Date: Jun 24-28 & Jul 22-26

This camp is exclusively designed for accelerated RoBotics Course for top performers. Students are expected to take a deep dive into robotics through hands-on learning in this program. It is crafted with students in grades 4 through 8 in mind. The goal of this week-long camp is to prepare students for robotics competitions throughout the school year by providing them with the fundamental skills and aiming to enhance the skills s to the most advance level. Every day is meticulously planned to allow students to fully immerse themselves in their research and let their imaginations run wild. They will learn about the engineering process, take a crash course in 3D printing, innovate, present their work, and even participate in a mock judging trial. The week will culminate with a friendly Battle-Bot unleash.

Note:
Students are required to have prior knowledge of Spike Prime or Lego Mindstorms programming and construction before enrolling in this camp. Having competed before is an advantage. It is important to be aware that this camp may include some homework requiring research.

FOR MORE INFO
713-454-7004

✉ KidsRoboticAcademy.com

📍 4007 Bellaire Blvd. KK
Houston TX 77025