

Robotics and Science Academy is an exciting after-school and summer program for kids and teenagers, boys and girls, ages 6 – 17. At Robotics and Science Academy our mission is to excite, inspire, and motivate the new generation about science, technology, engineering, and math, and to teach them 21st century skills such as creativity, problem solving, critical thinking, and teamwork.

Through our unique programs, we provide a hands-on interactive approach to learning. Held in a friendly, fun, and sports-like atmosphere, we focus on taking the minds of our young generation to a new level of thinking, thus enabling them to be ready for careers of the future and inspiring them to be the new leaders of tomorrow.

	Date	Time	Course Description	Fee
Ages 11-17	Every Sat Starting Jan 11, 2014 for 8 weeks	12:00 pm – 2:00 pm	See Robotics Explorer	260 USD
Ages 7-10	Every Sat Starting Jan 11, 2014 for 8 weeks	2:00 pm – 4:00 pm	See Robotics Junior 1	260 USD

Location: Syrian American Club
5729 Winsome Ln
Houston, TX, 77057
Tel: 713 266 5577



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For more info check our Facebook page
or call 832 310 4245 (8:30 am – 2:00 pm)

Robotics and Science Academy

TODAY'S PLAY TOMORROW'S PAY



\$10 Open Trial Session

Sat, Jan 18th

**Come in anytime between
12-4pm**

Registration Required



Imagination Fun Technology

LIMITED PLACES – REGISTER EARLY

**Ages
6-10**

The courses for ages 6-10 are designed for the little kids to enhance their skills and their thinking. They are intended to teach, entertain & inspire the little ones to be the scientists and engineers of the future.

Robotics Junior 1

This is a FUN and EASY introductory robotics course for the little ones. In each session students learn how to build a different robotic model through which they explore the mechanical use of motors, gears, pulleys, axles and much more. Then they learn how to program their little robots to make them move, feel, and make sounds.

Robotics Junior 2

This higher level course teaches little kids about problem solving. The course is divided into two parts. In the first part, students build models bigger than the ones they have built in Robotics Junior 1, extending the possibilities for more science, technology, and engineering concepts. In the second part, students do their own robotic inventions using the concepts that they have previously learned and their own creativity!

Robotics Designer 1

This course is based on mechanical design. Kids learn how to build four basic mechanical models and use them to build a robot that will complete several robotics missions. The kids will build their robots from scratch and will compete in a fun learning environment.

Robotics Designer 2

A disaster has struck the city of Woodville. Rapid aid is needed. However, some of the rescue missions might be of great risk to humans. Your team must build a rescue robot to be sent immediately to execute those missions. As a scientist and engineer you need to use the concepts that you have learned in Robotics Designer 1 to build this robot that will deliver aid to the city and save lives!

**Ages
11-17**

The courses for ages 11-17 are made of average difficulty level. They are intended to teach, entertain, and challenge the youth generation in a friendly, fun, and sports like atmosphere!

Robotics Explorer

In this highly challenging and interesting course, students learn step by step how to build and program a multifunctional robot that is able to perform smart robotic tasks using different kinds of sensors. At the beginning of each session the students will see a short movie about robots in real life situations. After that, they build a comparable smaller scale robot that simulates the real one. The course is mostly based on programming and the students will have a challenge at the end of each session in which they compete in a fun and sports like atmosphere.

Robotics Master 1

This course leads students to the edge of the universe in an exciting robotic adventure in which they build a space robot that will go on missions to make a distant planet habitable for humans. In this course students learn about design, engineering process and the basics of project planning. There will also be a challenge at the end of each session.

Robotics Master 2

The Robotics Master 1 teams have laid the ground for the future teams to accomplish their final space missions. This time your team needs to design a multi-functional robot that will accomplish those missions at the same time. You need to use your knowledge, your skills, and your creativity to become the Master of Space!

SumoBattles 1

If you like head to head battles and high adrenaline challenge. If you like to outsmart and beat your opponents. Then this is perfect place for you! You will learn how to build and program robots that can battle in a head to head lethal robotic combat. It's all about design and strategy. This course is available only in special seasons.

SumoBattles 2

This is the same as the SumoBattles 1 but made for advanced students that had previously taken at least the Robotics Explorer course. The students will use more advanced techniques to design basic weapons and learn programming tricks that they can use along with their creativity to make their battlebot a winning robot. This course is available only in special seasons.