

ROBOTICS & ELECTRONICS

cacttukids>



Bring gadgets to life with electrical engineering and hardware code! Learn how to program electronics using Arduino, an electrical engineering prototyping platform that teaches people about electronics and how electronic circuits can work. Ignite your creativity as you discover how engineering and programming work together to make new and exciting inventions a reality.

DEDICATION AND DURATION

This course is dedicated to young children of ages 08-13 who want to learn by doing hands-on projects.

AGE

- Youngsters between the ages 8-14

DURATION & SCHEDULE

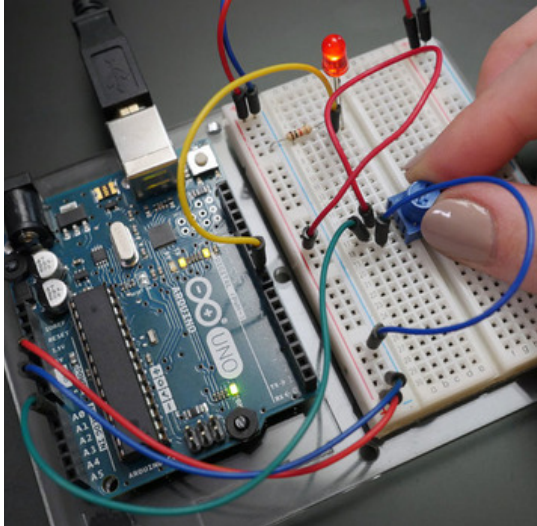
- 30 hours
- Saturday from 09:00 to 12:00

PRICE

- The Entire course is 87,5 euros



ROBOTICS & ELECTRONICS



ABOUT

"You'll use the engineering design process (i.e., create, test and improve) to break down a problem, design a solution, and finally build it. You'll leave training with an understanding of the electrical engineering process with an Arduino kit. During this time trainers will be available on demand.

Additional Specifications

Our Robotics & Engineering courses equip kids with the critical thinking, technical and creative skills necessary to build innovative electrical and mechanical gadgets or competitive robots! In this course they will learn how to seamlessly combine the engineering design process with Arduino's C-based programming to program your very own electrical device.

The Adventures Experience: Our Adventures training courses give elementary level students, ages 8-13, a meaningful, hands-on introduction to the fundamentals of technology and design-thinking methodology; challenging them to collaborate with their fellow friends to create solutions to real-world problems.

What Students Learn

- Learn the fundamentals of electrical engineering.
- Understand how to program, design circuits and hack electronics.
- Discover the Arduino electronics platform.

MORE DETAILS

The training will be held at Cactus Education premises, in a computerized classroom or a computer lab, with internet access, DLP Projector and screen, whiteboard table. Each candidate should have a PC or Laptop available to work with in order for the training to be conducted and realized in the best possible way according to our standards.

FOLLOW @CACTTUKIDS ON:



1.5k+



290+