



ARDUINO BASIC SENSORS

Course Description

This course helps students cross over the beginner's threshold in understanding the use, terminology, and potential of the Arduino. The skills and concepts taught in this course are interdisciplinary, merging practices in arts and technology. The first portion will teach the most essential skills for creating a simple sensor-driven physical computing system. The second portion will reinforce these skills by making simple interactive projects. (For Grade 4+ students)



Lesson 1: Using Arduino
Lesson 3: C Programming 2
Lesson 5: Ultrasonic Sensor
Lesson 7: Temperature Sensor
Lesson 9: IR Receiver

Lesson 2: C Programming 1
Lesson 4: Button & Buzzer
Lesson 6: Servo Sensor
Lesson 8: Analog Joystick
Lesson 10: Final Project



AMERIDUO
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We demystify a complex technology

We provide an effective way of introducing programming to students

We help students develop critical thinking skills

We teach students how to turn frustration into innovation

Our students enjoy hands-on construction activities

TUITION DISCOUNT

5% off each for group of 3

\$498

10 Weekends
2 hrs. each class

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Pre-registration:
ameriduo.com