



FALL to SPRING programs

Fixed or Flex Schedule

CORE: Gr. 5 to 8 | Gr. 8+

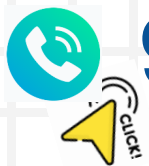
Electives: Robotics | Computer Science

Competitions

Venue : in-person | online



CORE Programs



908-595-1010



stormingrobots.com

Grade
8-12

CORE

Weekly 2-hour meetings

Level B, I
II, III, IV

Algorithms in C/C++

Building **algorithmic thinkers using programming with computational thinking**, from elementary to college levels.

Far beyond just coding . This serves as the core path for advancing in upper level programs and competitions.

LEARN MORE



cs.stormingrobots.com



Grade
5-8

CORE

Weekly 2-hour meetings

Level B, I
II, III

Robotics Projects

Hands-on robotics projects with text-based programming. Scaffolding complexity.

Use math as a thinking tool.

Stress on higher order of thinking, engineering process from design to troubleshooting.

**Register
HERE**



register.stormingrobots.com



Grade
9+

CORE

Weekly 2-hour meetings

Level B, I
II

Robotics with Electronic

Hands-on robotics projects with Open Source platform such as Arduino, Raspberry Pi.

Prerequisites

Algorithms in C/C++ - I Proficiency Test

(Visit <https://cs.stormingrobots.com> to see the Level I requirement. This test is more demanding than the AP CS-A Exam.)

Special Note

Need strong software development skill

All of our programs including competitions focus on full automation. Thus, most take this class along with Algorithms in C/C++ up to minimum level III.



Electives

LEARN MORE

COMPETITIONS



908-595-1010



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American Computer Science League

ACSL

COMPUTER SCIENCE

Programming with computational thinking.

Beyond Adv. Placement CS—A

JUNIOR (up to 9th grade)

Prerequisite

High Proficiency in Algorithms in C/
C++ - Level I

INTERMEDIATE

Prerequisite

High Proficiency in Algorithms in C/C++
- Level I

SENIOR

Prerequisite

High Proficiency in Algorithms in C/C++
- Level I



Satellite Programming Competition Hosted by MIT/NASA

Math

Prerequisite

HIGH Proficiency in Trigonometry and Algebra II

PROGRAMMING

Prerequisite

High Proficiency in Algorithms in C/C++
- Level I



Robotics Simulation Competition

For those who are interested in algorithms development without being bogged down by hardware.

ENTRY LEVEL

Grade 6–8

Prerequisite:

Proficiency in Robotics Projects—Level II

ADVANCED

Grade 8+

Prerequisite:

HIGH Proficiency in Algorithms in C/C++
– Level II



Robotics Competition

- with hardware devices

ENTRY LEVEL

with **Age-appropriate Platform**

Prerequisite: Proficiency in Gr.7-8
Robotics Projects—Level II

ADVANCED

with **Advanced Platform**

Prerequisite:

- HIGH Proficiency in Algorithms in C/C++
- Level I
- HIGH Proficiency in Robotics and
Electronics —Level I.

Strengthen your Engineering Skill throughout the year...

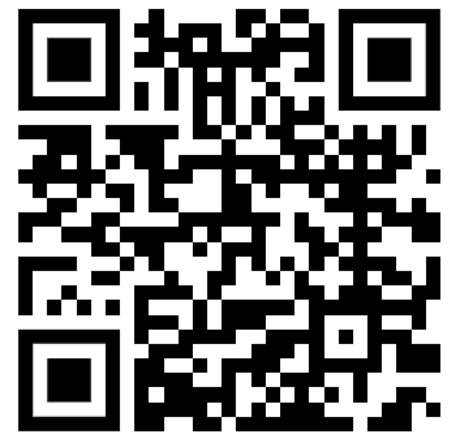


REGISTER

School year Programs

Summer Programs

**REGISTER
NOW**



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To receive e-notification on update
on new events, special programs
and offer.



New Students

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