

HHS Engineering/Robotics Club FRC Team 2183 TigerBots

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What is the Engineering/Robotics Club?

The HHS Engineering/Robotics Club is an organization that joins students together who are interested in either pursuing engineering or has an interest in robotics. If you're into math, science, and technology, this is the club for you!

FIRST Robotics Competition (FRC)

"The varsity Sport for the Mind," FRC combines the excitement of sport with the rigors of science and technology. Under strict rules, limited resources, and time limits, teams of 25 students or more are challenged to raise funds, design a team "brand," hone teamwork skills, and build and program robots to perform prescribed tasks against a field of competitors. It's as close to "real-world engineering" as a student can get.

Expectations:

- Meet and learn from professional engineers
- Design and build a robot
- Learn from peers and build lasting relationships with one another

Important Dates:

- Fall 2020 Community Outreach events, and fundraising
- January 2021 FRC Kickoff Event
- Feb-April Competitions
- May-June World Championships
- Summer - Off-Season exhibition competitions

Entry Fee

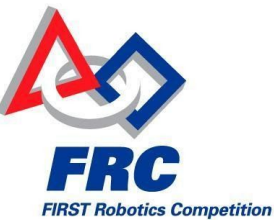
There is a \$35 club fee for each student joining the HHS Robotics & Engineering Club. Students who find a sponsor will have their club fee waived. Club Fees must be received by November 1, 2020.

Meetings and Registration

Your child must be registered at <http://firstinspires.org> in order to participate in FIRST Robotic events. The HHS Engineering and Robotics Club will meet in the fall Wednesdays 6pm-8pm and Saturdays 8am-12pm. Starting after Kick Off in January, we will enter "Build Season". During Build Season, students build the robot to compete at the FRC Regional Competitions. Meetings will be held Monday-Friday 6pm-9pm and on Saturday 8am-4pm. Your child must **actively participate** at least 4 hours/week. Any student not actively engaged or fails to meet behavior expectations will not be allowed to return.

Machine Shop

Associated with building the robot your child will be using power tools, such as a band saw, drill press, table saw, miter saw, jigsaw, etc. Your child will participate in a safety course and learn the proper use of these tools. Supervision will be provided by an adult when using these power tools. Your child will be required to wear proper eye protection and hearing protection. They are required to follow all safety rules in the machine shop.



HHS Engineering and Robotics Club
FRC Team 2183
TigerBots
Richard Fitzgerald
Hahnville High School
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Student Agreement

I, _____ understand my role and responsibilities with the Hahnville Engineering and Robotics Club. I understand that I must attend a required number of meetings and meet behavior expectations in order to stay in good standing with the club and be able to attend the FIRST Robotics Regional Competitions. I will follow all safety rules and procedures when working in the machine shop.

Student Signature Date

Phone number

Email address Grade

Emergency Contact Information: Name, Relationship to Student, and Phone Number
T-shirt Size _____

Parental Agreement

My child, _____, has my permission to join the Hahnville Engineering and Robotics Club. I understand that this requires him/her to attend meetings in the evenings and on Saturdays, at school and activities elsewhere. In order for your child to attend the Regional Competitions in March/April and to remain in the club, they must attend at least 4 hours / week and actively participate in the activities associated with building and programming the robot. My child's picture may be displayed within context of the Robotics Events. I understand that I must go to the FIRST Robotics Website and register my child with FRC Team 2183.

Parent Signature Date

I am willing to mentor/volunteer time and/or expertise during build season please complete the information below.

Phone Number Email Address