



SAULT STE. MARIE

#1596 THE INSTIGATORS

Sault Area High School & Career Center | 904 Marquette Ave. | Sault Ste. Marie, MI 49783

2022-23 TEAM #1596 EXPECTATIONS

Students/Parents/Guardians:

Your student has expressed an interest in participating in this year's Sault Area High School & Career Center Robotics Team.

- We are an after-school activity and the adult mentors are volunteers.
- TEAM 1596, The Instigators, is in its 19th year.

What Students Should Join FIRST?

- Students that have a strong interest in Science, Mathematics, Engineering, Structural Design, Fabrication, or Machining
- Students that are committed to learning new concepts across all FIRST domains; design, fabrication, program management, and marketing.
- Students who enjoy problem solving in a team environment
- Students that value Discovery, Innovation, Impact, Inclusion, Teamwork, and Fun

FIRST Robotics Core Values: <https://www.firstinspires.org/about/vision-and-mission>

Why Should Students Join FIRST?

- Students will work as a team with professional mentors to create a robot from concept to completion
- Students will learn how to think critically, problem solve, use a design process, test designs, fabricate and machine components, market their product, and communicate clearly with others.
- The skills learned and developed throughout the Off-Season and Build/Compete Season are skills used by professionals every day. It provides a head start to students in building their career skillsets.
- Throughout the year, students will gain experience hours equivalent to a summer internship. This will provide an advantage in the students' pursuit of college acceptance, scholarships, and future careers.

FIRST Alumni & Scholarships: <https://www.firstinspires.org/alumni-scholarships>

Email

Please read this document fully and *return the completed signature/email page by September 21, 2022.*

Students/Parents/Guardians/Mentors will be added to the 1596 group e-mail and will be expected to know in advance what, when, etc. – in other words...*read your email.*

Funding Commitment

Personal Funding: A financial commitment of \$300 is assessed for each team member. This team fee is non-refundable and due in full by December 7, 2022.

- At least one partial payment, e.g. \$25 or \$50, is due by November 2nd.
- Sault Tribe members that qualify under the Youth Development Fund Criteria can qualify to have half of their robotics fee paid for. Link: <http://www.saulttribe.com/15-membership-services/education/2469-sault-tribe-youth-development-fund-criteria>

Fundraising: The team fee, expenses for building a robot, promoting the team, supplying the room, meeting snacks, team gear and travel to competitions are extensive. *We need to raise \$15,000-\$20,000 annually (including district and state competitions only).*

Efforts include a mass mailing to sponsors/personal/family/friends for donations. In mid-October the team will be fundraising, and the fundraising will require efforts from the entire team.

Time Commitment

Off-Season Time Commitment: Students will be expected to expend about **60 hours (4 hours per week)** of their time attending and participating in team meetings. Attendance will be monitored, and the students who expend little effort or do not attend meetings may be asked to leave the team. Off-Season meeting times are September–December, Wednesdays and Thursdays 3:30-5:30 PM.

Off-Season: Meetings will be twice weekly, directly after school. This is our time for team-building, discovering our interests, and learning new skills.

Build/Compete Season Time Commitment: Students will be expected to expend about **280 hours** (20 hours per week) of their time designing, building, testing, and iterating on the design of the robot. The students will use the skills they developed throughout the off-season to approach the build/compete season with an engineering mindset. Build/Compete Season

meeting times are January – Mid April, Monday-Thursday 3:30 – 6:30 PM, and Saturday 9:00 AM – 5:00 PM.

Kick-off: **Saturday, January 7, 2023** is the big “game reveal” when teams find out the challenge and game details. The team will meet following the reveal to begin brainstorming.

Build/Compete Season: From the moment the game has been revealed and on into February until competition, the team will be focused on the development of the robot.

*From March 2-April 8, 2023 there are District Event Competitions each weekend (Thursday-Saturday). **We travel to two District Events.*** Our standings will determine if we continue on from districts. The State of Michigan event (aka States, which runs Wednesday-Saturday, in Saginaw) is April 12-15, followed by FIRST Championship (aka World, in Houston, TX) from April 19-22 (also Wednesday-Saturday).

If you need to check whether or not your student is attending, call or text me, Jeanne Shibley, at 906-630-1707.

Volunteering Commitment

Volunteering is an attribute of our team. Over the last eight years the Instigators volunteered at: CC Hall Spaghetti Dinners, Shrine Circus, I-500, United Way’s Project Backpack and Chili Cook-off, Sault Middle School Fun Night, presentations at local schools & Bayliss Library and more. Please encourage your child to participate in the volunteer opportunities within our community.

Meeting/Room Work Expectations:

Students are expected to attend and participate in meetings. The goal of the meetings are to engage the students in the engineering process. Mentors will teach the design process and help the students to gain an understanding of the various systems that create the robot. As students gain skills they will begin to mentor each other, and further develop their skills.

Expectations when in Robotics/Drafting rooms: Students are expected to check in with a mentor upon arrival and note their arrival time in the 2022-23 Student Hours spreadsheet. Once you come into the room you are there to accomplish the robotics team’s goals. No devices, respect others, be productive, be professional, clean-up after yourself, and follow safety rules for shop classes. When the student’s work and clean-up has been completed, the student shall check in with a mentor and note their departure time in the 2022-23 Student Hours spreadsheet. The student must also record their Hours Quality rating for the day. The Hours Quality Rating is a

rating each student will provide for themselves on how they believe they contributed to the team for the day on a scale of 1-10 with comments.

Awards: Based on student participation (hours and quality), the students are able to qualify to receive FIRST Robotics chords for their graduation. Students are also able to be nominated and qualify for FIRST Robotics awards at District, State, and World events.

Consequences: If a student violates any of the expectations, the following actions will take place:

- 1) An adult mentor will speak to the offending student member.
- 2) A scheduled Parent/Mentor/Student meeting will take place.

If a situation arises between a student and a mentor, another adult mentor will be involved in the process. Again, students who expend little effort or do not attend meetings may be asked to leave the team.

Competitions and Travel

When it is time to organize the team for competition travel, it is our goal for all team members to attend the competitions. All students who go will ride with the team and will be expected to stay with the team, on site, for the competition duration. If we need to choose which member will travel due to low funds, we will choose the students who have made the greatest contributions to the team during the season. Our points earned at the two District competitions (locations and dates TBD) determine if we travel to the State's Competition. Then all points earned determine if we travel to FIRST Championship.

No student can drive, only parent(s) or mentor(s), and no college-aged mentor can drive a high school student.

Immediate action will take place if a student breaks a Sault High & Career Center Handbook rule or TEAM 1596 Expectation at a competition; a parent will be located/called. Depending on the infraction, discipline will occur, including possible revoking of travel privileges or removal from the robotics team.

Homework/Grades

Students are **required** to remain in excellent academic standing, which is at least a C in all classes. Students can work on homework before the meeting starts. Students can seek assistance from teachers/tutors, or even robotics team members.

Overall SAHS & CC Attendance and Discipline

Team 1596 follows the 2022-2023 Student Handbook for attendance and behavior.

Parent Roles

We ask that you please:

- *Register at firstinspires.org, then register your student with our team.* We cannot add your student to the team roster until this has taken place.
- Assist in the robotics/drafting rooms
- Assist in team fundraising
- Sign up for a Saturday or Sunday meal during the build season
- Drive/Chaperone to/at competitions
- Join in with Fundraising/Marketing/Public Relations/Your Professional Skills as a Mentor

Your time is appreciated when assisting! If you plan on mentoring and will be in the robotics room with students, or if you plan to assist with driving to competitions, you must file an online “Consent Form” and the Youth Protection Program at firstinspires.org. We will need a copy of your Driver’s License if you drive.

Social Media

Student members and families are encouraged to follow TEAM 1596!

- Website: [FRC Instigators 1596](#)
- Twitter: [@FRC1596](#)
- Instagram: [frc1596](#)
- Snapchat: Instigators 1596
- Facebook: [Frc Instigators](#)
- YouTube: [Instigators 1596](#)
- FIRST Robotics Competition: [Team 1596](#)
- Blue Alliance: [Team 1596](#)

Please complete and return this form by September 21, 2022.

Student member _____ and Parent/Guardian
_____, have read the TEAM 1596 2022-23 Expectations and
understand that we are responsible for its contents.

Student Name: (Please Print & Sign)

_____/_____

Student E-Mail: (preferably a personal, not a school e-mail)

Parent/Guardian: (Please Print & Sign)

_____/_____

Parent/Guardian E-Mail:

Date: _____