

Morgan County Mech Tech

FIRST Robotics Team 3959

2019-2020 Application for Membership

The following application must be filled out and returned to Tim Sharp at Brewer High School in order to be considered for membership on the team.

Morgan County Schools is excited about our FIRST robotics team. This is a great opportunity for our students to learn more about engineering and robotics and to participate in a competition which offers millions of dollars in scholarships each year to students across the country while providing members the opportunity to work with local engineers, professionals and business owners. This is also a great opportunity for students across Morgan County to get to know one another and work side by side on a team.

Morgan County Schools participates in the FIRST (For Inspiration and Recognition of Science and Technology) Robotics Competition (<http://www.firstinspires.org/>). FIRST is volunteer driven and built on partnerships with individuals, businesses, educational institutions, and government. Each year FIRST unveils a new challenge at Kickoff in January. High School students work with mentors and engineers to solve the engineering design problem. The teams not only compete in the robotics competition itself but are judged in other areas including design, innovation, performance, team cooperation, spirit, marketing and work ethic.

In preparation for this competition, Brewer High School hosts a 2 hour Career Tech Pre-Engineering class during 1st and 2nd periods. All Morgan County high school students, grades 9-12, are eligible to apply. At Brewer High School, students also have access to the many Career Tech programs, their instructors and equipment. Students may choose to apply for Robotics while taking a related Career Tech class as well. Classes such as Drafting, Welding, Auto Collision Repair, Electronics and others allow students to be full members of the team while learning skills from their chosen Career Tech field to be applied during the robot build. Students who elect to take the Robotics class are provided transportation to Brewer High School by the same bus which currently provides transportation from the other four high schools for Brewer Career Tech classes.

To become part of this exciting team, you must fill out the attached application. All applications are due no later than April 18, 2019. All submissions will be reviewed and selected students will be notified by May 3 2019. Please have your principal or counselor send your completed application to Tim Sharp at Brewer High School. You may also request to have an application emailed to you. You can fill it out and email it back to me at tbsharp@morgank12.org.

For more information you can contact Tim Sharp at Brewer High School at 778-8634 or at tbsharp@morgank12.org or Dr Jeremy Childers at the Central Office at 256-309-2100.

This year we are particularly in need in the areas of video production, web design, and marketing. Anyone with experience or interest in those disciplines will be given close consideration for membership on the team.

We look forward to a very exciting and productive year!

Morgan County Mech Tech Robotics

MCS Robotics Team Application

Contact Information

Name	
School	
Grade in 2019-2020	
Street Address	
City ST ZIP Code	
Home/Cell Phone #	
E-mail Address	
Parents/Guardians name	

Interests

FIRST Robotics Competitions are not just about robot building. The competition involves many things including the list below. In which of the following areas do you have experience or interest. You may choose as many as you like.

Robot Design

Mechanical

Electrical

Integration

CAD

Robot Fabrication

Welding

Machine tool

3D Solid Models

Robot Programming

LABView

C ++

JAVA

Team Management

Team logistics

Travel

Creative Writing

Marketing

Fundraising

Recruiting

Spirit

Art

- Computer Repair
- Website Design
- Animation

Availability

During which hours are you available for assignments?

- Weekday afternoons
- Weekday evenings

Special Skills or Qualifications

Give a brief summary as to why you would like to be on a robotics team; include any special skills or qualifications you have that would be beneficial to the team.

Administrator/Teacher Reference

Provide the name of 2 adults at your school who can provide information concerning your grades, interests and work ethic.

1.

2.

Person to Notify in Case of Emergency

Name	
Street Address	
City ST ZIP Code	
Home Phone	
Work Phone	
E-Mail Address	

Agreement and Signature

By submitting this application, I affirm that if chosen for the team, I will be a contributing member of the team and work to the best of my ability to see that the team is successful.

Name (printed)	
Signature	
Date	