

## What is FIRST Tech Challenge (FTC)?

FIRST Tech Challenge is an international robotics competition. Teams design, build, and program robots for a game in which an alliance of 2 teams play against 2 others. Winning requires innovative thinking, on the spot decision-making, complex programming for autonomous functions, and skilled remote control operation. Teams also contribute to their communities by doing service projects that promote STEM learning, and interact with leaders and supporters in technology fields.

# What do you need to be a part of an FTC Team?

#### Commitment

The FTC season goes from mid-September until late February with extension into April if we earn an invitation to the FIRST World Tournament. Meetings are on Wednesdays after school and Saturday afternoons. Team members need to plan on attending most meetings; the qualifying tournaments on December 7, January 11, February 8; and the state tournament on February 21-22.

#### **Creativity and Communication**

Match play takes innovative and strategic robot design and programming decisions. Team members need to communicate effectively with each other, alliance partners, sponsors, and the judges. Maintaining a website and documenting the robot design process are essential.

### Application for the PIONEER Competition Team

Student Information

NAME

SCHOOL EMAIL

TELEPHONE

Parent or Guardian Information

NAME

EMAIL

TELEPHONE

TELEPHONE

Briefly describe the strengths and skills you will bring to a team that has to work together to solve complex problems with time constraints and under pressure.

# PIONEER

Identify a challenge team members face when they are assigned to work together and explain how you deal with them.
Let us know if you have conflicts with the scheduled meetings and tournaments.
Please list any experience or connections with experts you have in the following areas: Java programming, engineering, fabrication, mathematics, community service, leadership, fundraising, and/or other robotics competitions.
What would you most like to get out of the experience of being on a robotics team?