

FIRST Robotics Competition

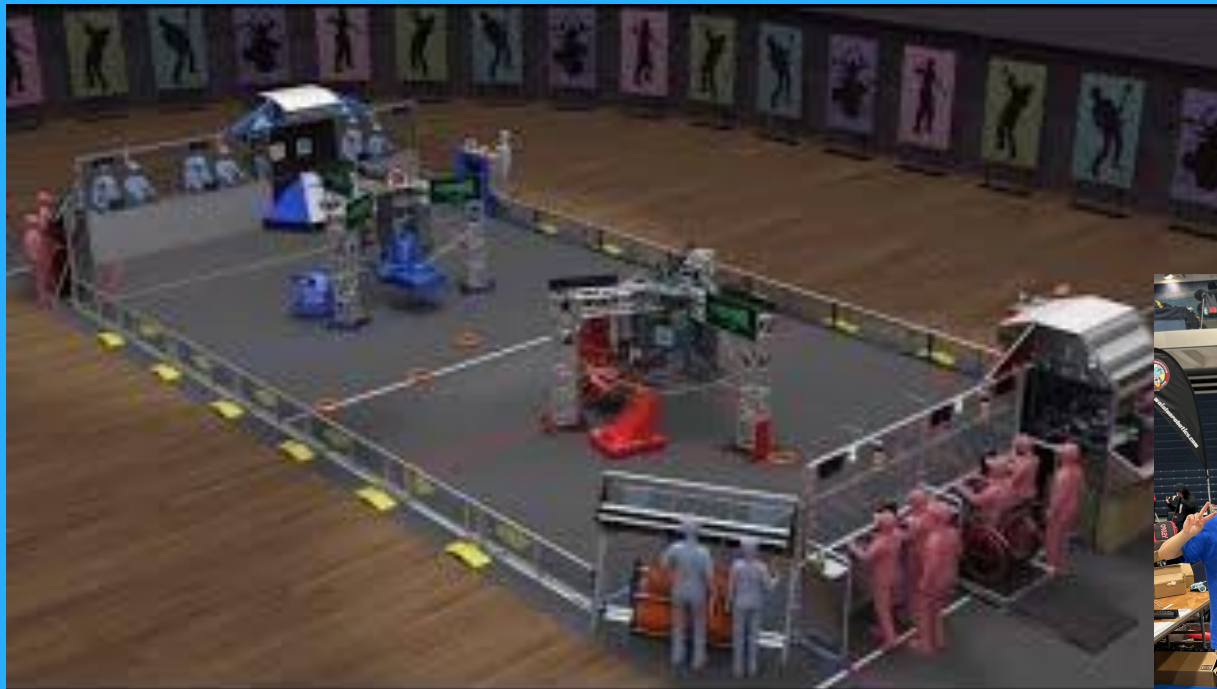


What is FIRST Robotics Competition?

- In FRC, students have six weeks to design, build and program a robot to participate in a themed challenge
- Combines sports with science and technology
- All skill levels are welcome and needed



This year's game



Example Round



Einstein Playoff Match 4 from FIRST Championships

Departments



01

Mechanics

Assembling and fabricating the robot



04

Programming

Programming logic between the operator's controls and robot sensors and motors

02

Electronics

Creating and managing the electrical systems

05

Business

Organizing fundraisers and budgets, managing the team



03

CAD

Designing the robot with CAD tools

06

Media

Photography and videography of events and build season, managing social media



Why join?



Develop valuable skills in engineering, coding and problem-solving



Build your interpersonal skills like teamwork, communication and leadership

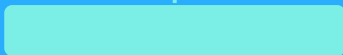


It's fun!

Timeline

Off-season: training & recruitment

Summer



Aug-Dec

Off-season: events and competitions



New FRC game is revealed,
build season begins

Jan-Feb



Late Feb-April

Competition season





Time Commitment



- FRC should be treated like any other sport or team activity
- During build and competition seasons there will be a large time commitment after-school and during Saturday school



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Instagram: @frcmaraudertech9573



**Team Registration
Form:**



bit.ly/join9573