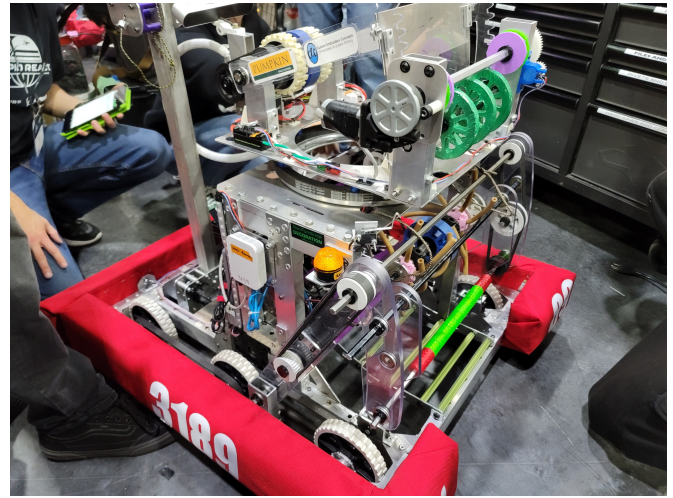


3189 CIRCUIT BREAKERS

FIRST® High School Robotics Team

Who are we?

3189 Circuit Breakers is the EDUHSD High School Robotics Team that strives to spread STEM (Science, Technology, Engineering, and Mathematics) throughout our community while also bring opportunities and experience to students by building and competing with awesome robots



What is *FIRST*® Robotics?

FIRST (For Inspiration and Recognition of Science and Technology) is an organization that allows students of all ages to compete and learn problem solving skills through robots.

FRC is a high school level robotics competition that applies STEM topics to compete on a common ground with other teams



info@3189.team



[@frc3189](https://www.instagram.com/frc3189)

Intrested in joining? Scan the QR code and fill out the form



DEPARTMENTS ON THE TEAM

Mechanical

Use basic machining skills using different types of machines and learn problem solving skills while building the robot

Electrical

Learn to wire motors and electrical systems consisting of electronics and sensors while also working with pneumatics

CAD

Create 3D models of the subsystems that function within the robot with industry standard 3D modeling software

Programming

Write code to control the robot and create vision systems using C++ and Python

Business/Media

Gain knowledge of how to talk to sponsors in a professional manner while learning to manage finances

IT

Manage computers and servers throughout the lab as well as working with and maintaining 3D printers