

E.S.H.S. Robotics Club

Who are we? 



P.O.T.A.T.O.E.S.

PEOPLE OF TOMORROW APPLYING THEIR OUTSTANDING ENGINEERING SKILLS

◆ A legendary club that builds high-functional robots through teamwork and companionship



P.O.T.A.T.O.E.S.

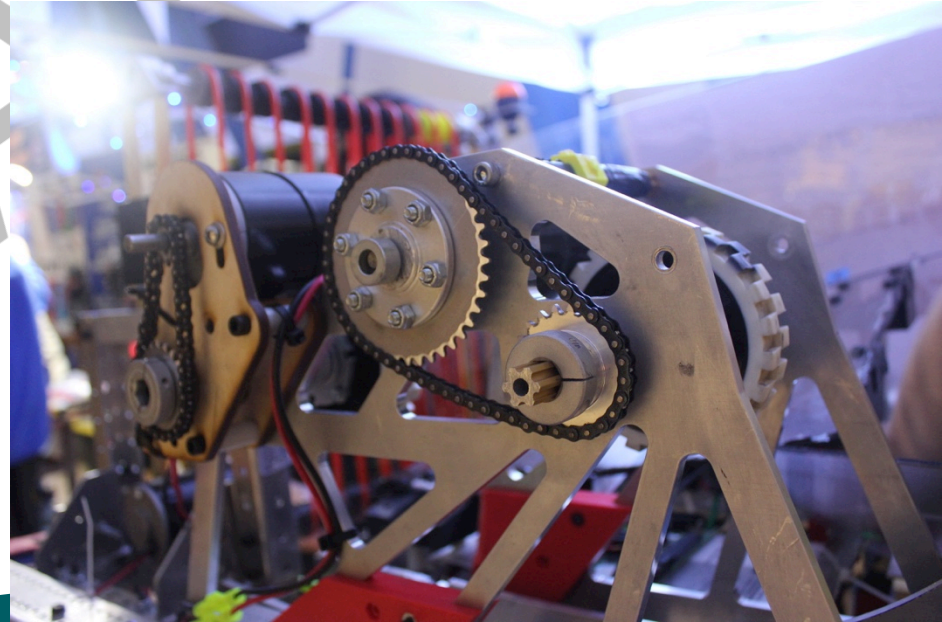
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Who are we?



◆ We build robots through many competitions and programs including:

- VRC competition
- FRC competition
- Drone Club
- Computer Science Club



Lead
Directs operations of
certain activities



President and Vice President

Officer

Completes tasks vital
to the Robotics Club

Treasurer



Secretary

Safety Officer



Webmaster

3D Printer Officer



Captain

Guides a group of people
to reach a common goal



Marketing Lead

Marketing

Recruitment

Fundraising

Event Coordination

Promotions

Media

Cinematography

Photography

Graphic Design



VRC Captain(s)

Training

Build

Program

Simulation

Media

Marketing

FRC Captain(s)

Build

Electrical

Mechanical

Pneumatic

Program

Systems

Hardware

Software

Simulation

Design

Animation



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Team Structure Diagram

Other positions such as the Drone Captain and other clubs such as the Drone Club and CyberPatriots are not shown here because they have different election processes (but they are still a part of the P.O.T.A.T.O.E.S.).

What is VRC?

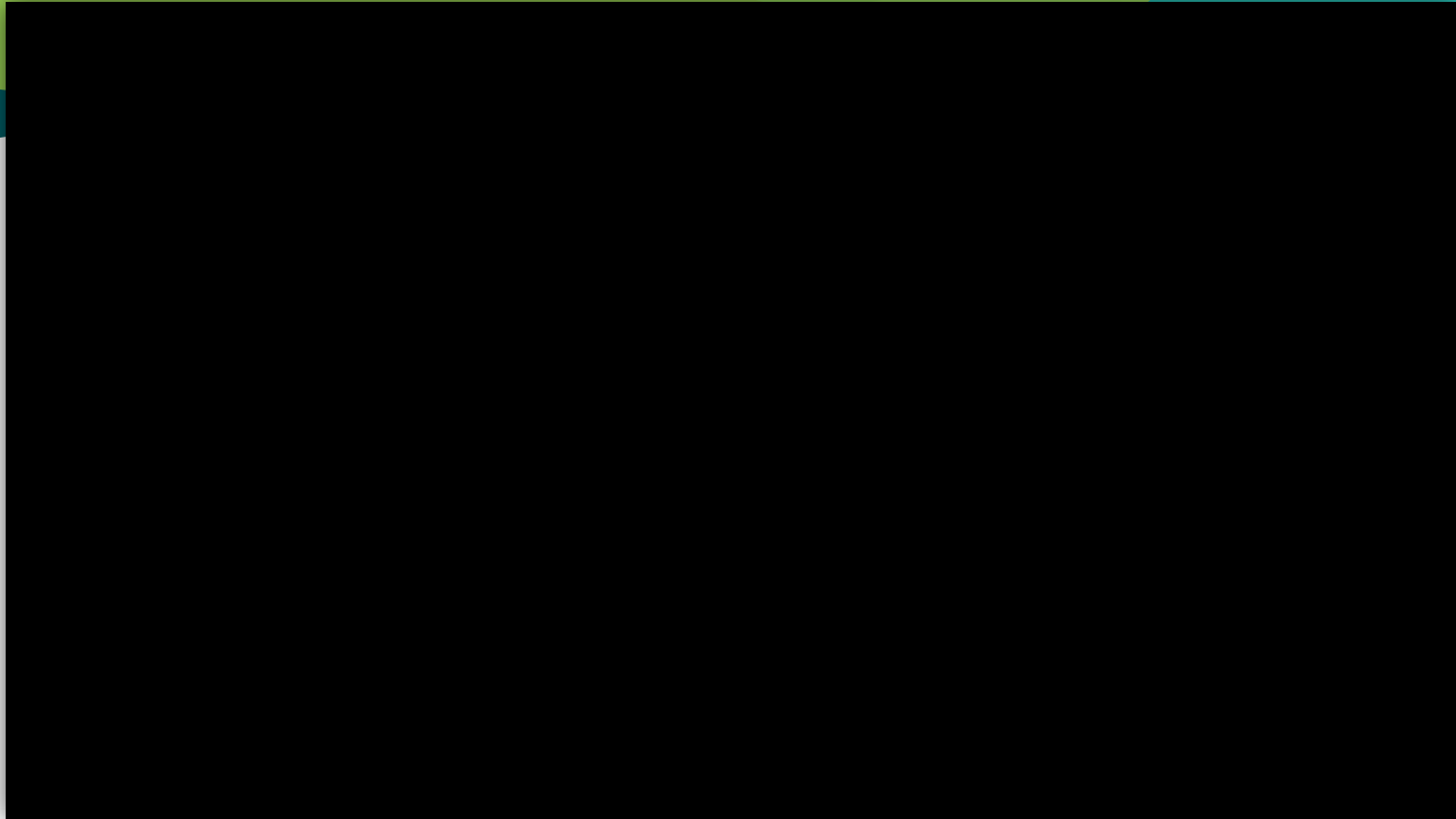
◆ Competition in which groups of 3-4 students fabricate a robot to accomplish a goal

◆ What you will learn

- Building
- Programming
- 3D Modeling (Simulation)
- Media & Marketing



Portion of the Official Trailer Video



Perks



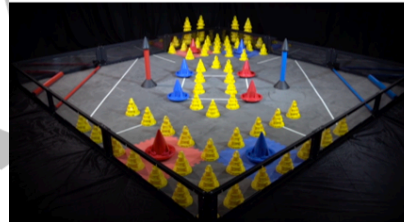
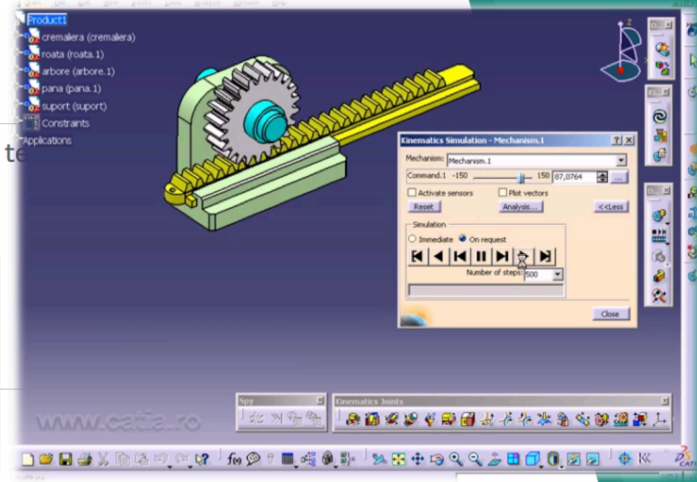
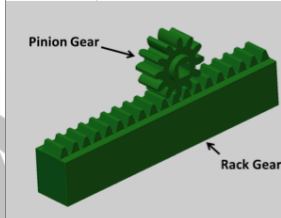
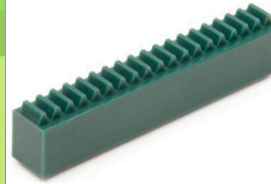
- ◆ Scholarships
 - 200 Scholarship Providers
 - \$50 Million Available Scholarships
- ◆ Internships
 - Higher chance of interning if you have experience
- ◆ Experience
- ◆ Prestige on college applications
- ◆ Obtain professional advice from dedicated mentors

Preview



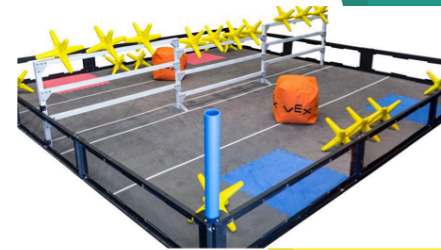
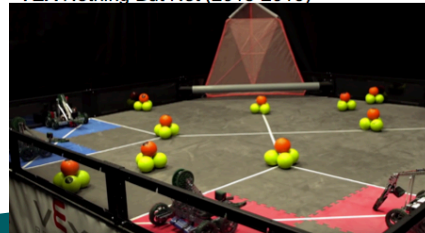
- ◆ RobotC is a programming language that your robot will mindlessly obey
- ◆ Create 3D Models by using Autodesk Inventor
- ◆ Learn robotics easily with our comprehensive & interactive slides w/ Kahoot competitions

Gear Rack



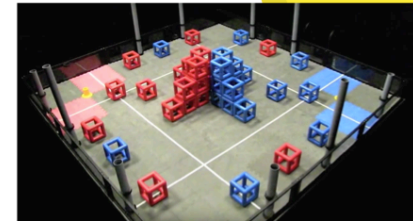
VEX In the Zone (2017-2018)

VEX Nothing But Net (2015-2016)



VEX StarStruck (2016-2017)

VEX SkyRise (2014-2015)



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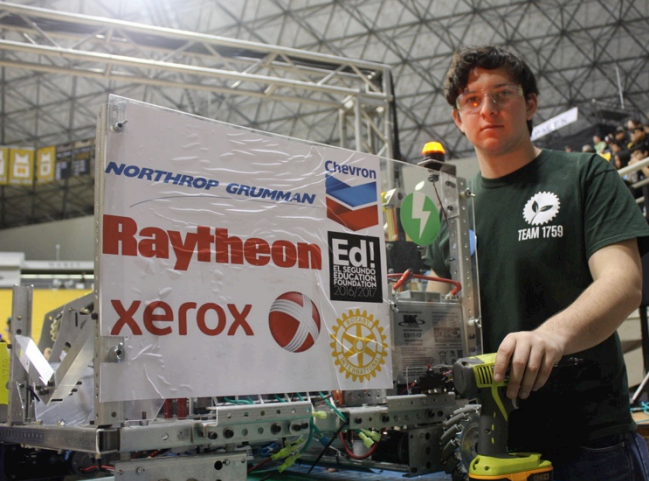


*“On our own, we are marshmallows and
dried spaghetti, but together we can
become something bigger.”*

- C.B. Cook



Join the vibrant E.S.H.S. Robotics community!



Starting
September 7,
Thursday



P.O.T.A.T.O.E.S.

PEOPLE OF TOMORROW APPLYING THEIR OUTSTANDING ENGINEERING SKILLS

STARTING SEPTEMBER 7, THURSDAY

MEET US IN THE ENGINEERING LAB AT 4:00 PM



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