

# 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

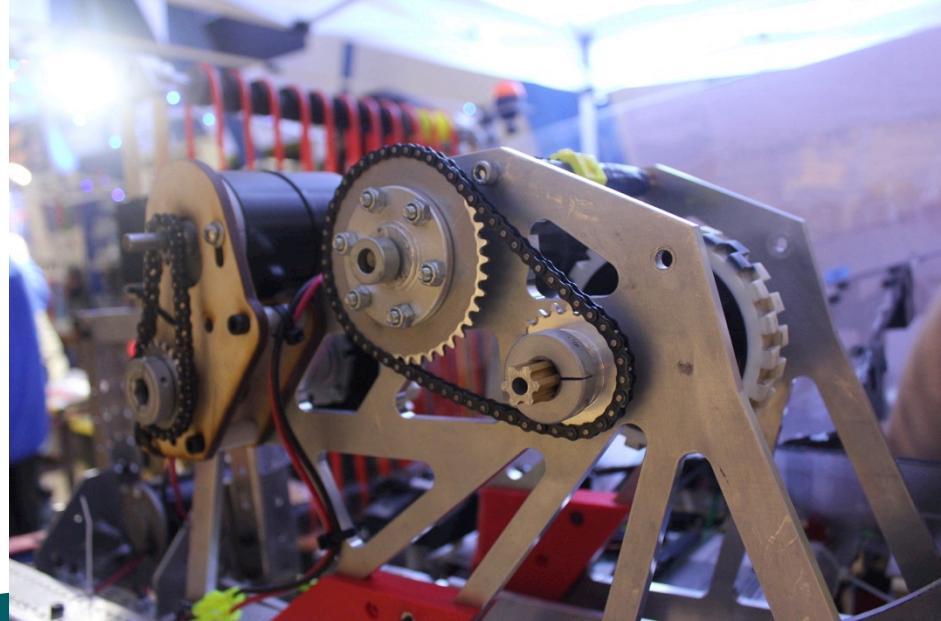
- ◆ A legendary club that builds high-functional robots through teamwork and companionship



# Who are we?

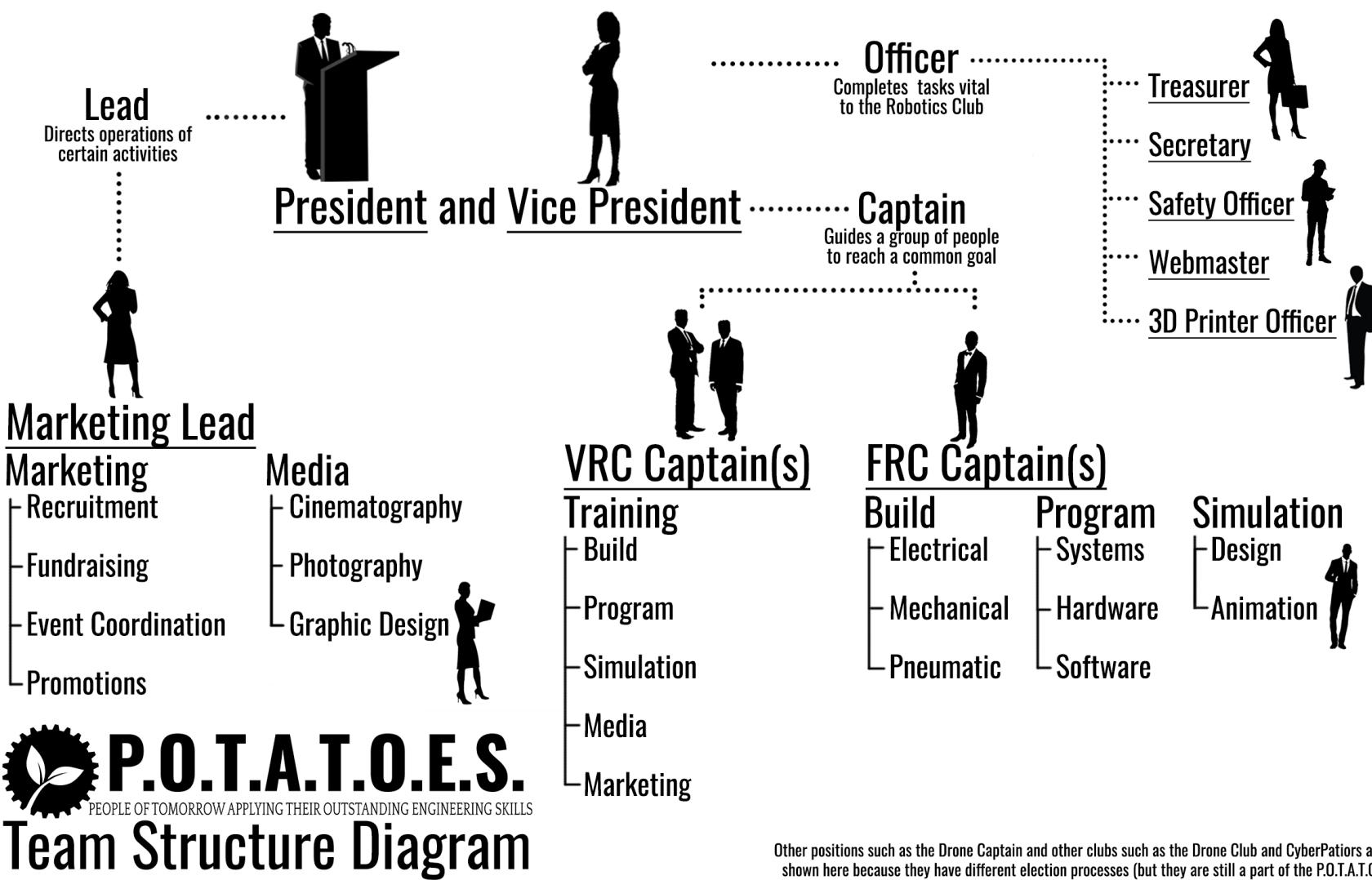


- ◆ We build robots through many competitions and programs including:
  - VRC (VEX Robotics Competition)
  - FRC (FIRST Robotics Competition)
  - Drone Club
  - Computer Science Club
  - Learn Programming Club



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

PEOPLE OF TOMORROW APPLYING THEIR OUTSTANDING ENGINEERING SKILLS



Other positions such as the Drone Captain and other clubs such as the Drone Club and CyberPatiors 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.).

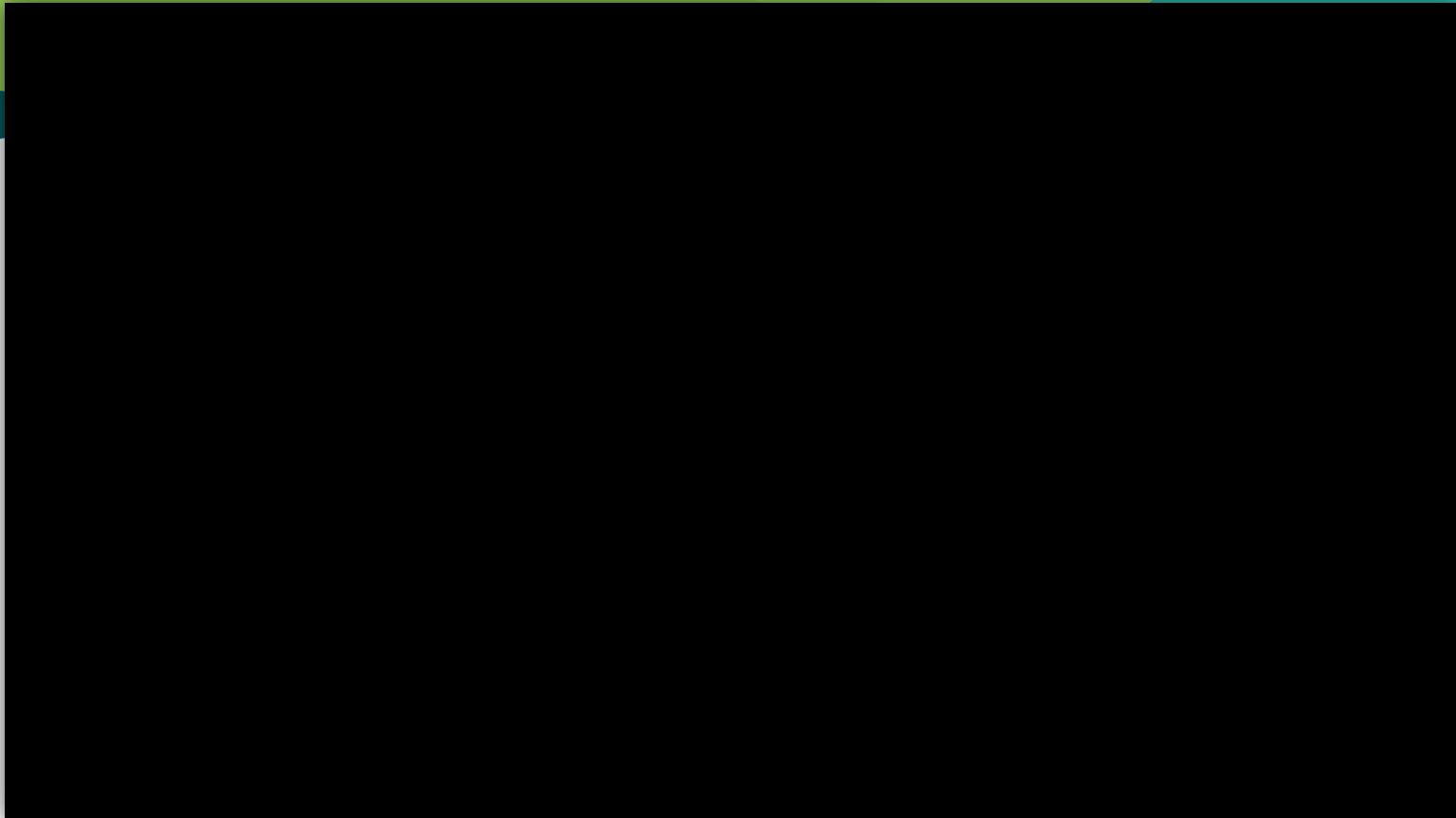
# What is VRC?



- ◆ Competition in which groups of 3-4 students fabricate a robot to accomplish a goal
  
- ◆ What you will learn
  - Building
  - Programming
  - 3D Modeling (Simulation)



# Portion of the Official Trailer Video



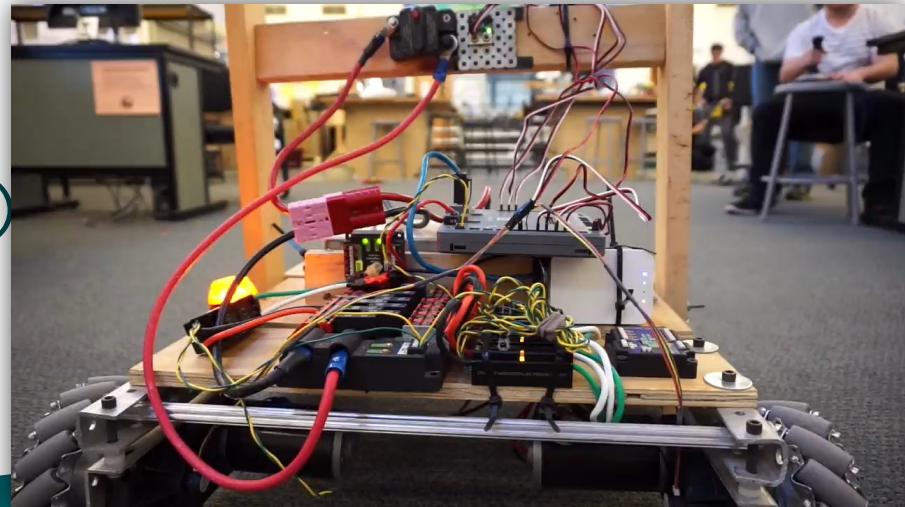
**P.O.T.A.T.O.E.S.**  
PEOPLE OF TOMORROW APPLYING THEIR OUTSTANDING ENGINEERING SKILLS

[https://www.youtube.com/watch?v=1Yo\\_mlR1VJU](https://www.youtube.com/watch?v=1Yo_mlR1VJU)

# What is FRC?



- ◆ About 10-30 people fabricate a large robot to accomplish a specific task
- ◆ Skills that will be used
  - Building
  - Programming
  - 3D Modeling (Simulation)



# What is the Marketing Team?

- ◆ Fundraising
- ◆ Media Creation
  - Filmography
  - Photography
  - Art
- ◆ Outreach
  - Social Media
  - Networking w/ other teams
- ◆ Business

- ◆ Website Design
- ◆ Writing
- ◆ Newsletter
- ◆ Music



## 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



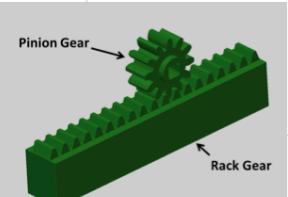
- ◆ RobotC is a programming language that your robot will mindlessly obey
- ◆ Create 3D Models by using Autodesk Inventor
- ◆ Learn robotics easily with our comprehensive & interactive slides w/ Kahoot competitions



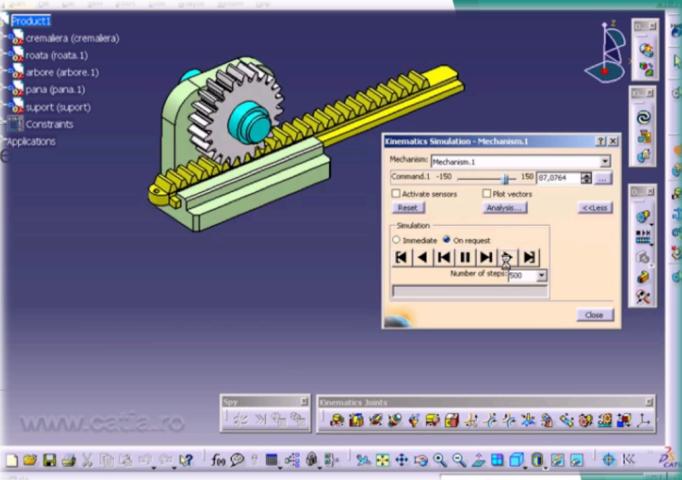
**P.O.T.A.T.O.E.S.**  
PEOPLE OF TOMORROW APPLYING THEIR OUTSTANDING ENGINEERING SKILLS



## Gear Rack

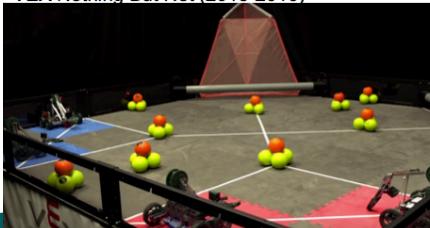


## Gear Rack



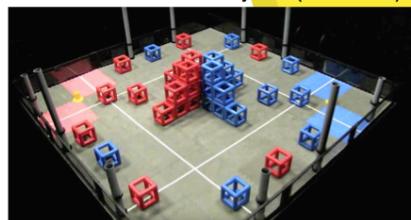
VEX In the Zone (2017-2018)

VEX Nothing But Net (2015-2016)



VEX StarStruck (2016-2017)

VEX SkyRise (2014-2015)



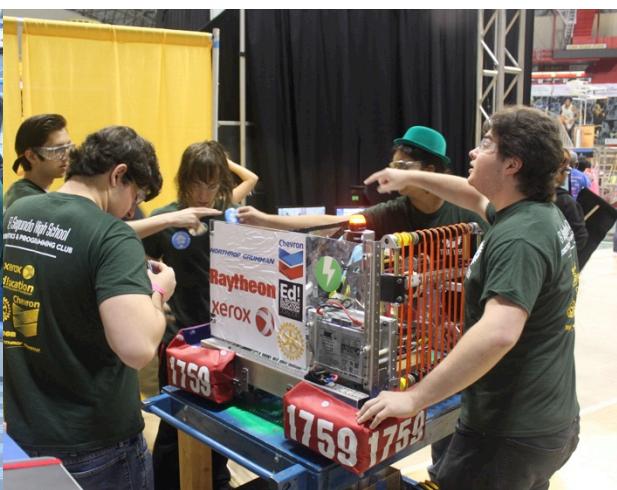


*“On our own, we are marshmallows and dried spaghetti, but together we can become something bigger.”*

- C.B. Cook



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



**Starting  
September 7,  
Thursday**

# STARTING SEPTEMBER 7, THURSDAY

MEET US IN THE ENGINEERING LAB AT 4:00 PM