ROBOEAGLES

FRC TEAM 4579

# Introduction

We are very proud that in the RoboEagles’ maiden year, FIRST Robotics Competition (FRC) 2013 season, the team made it to nationals due to the will of the team and the support of the mentors and staff. Every year since, the team has been working towards building a strong, supportive infrastructure for students of Federal Way High School to not only compete in the largest High School robotics competition in the world, but to have the opportunity to learn about and create complex systems for complex tasks.

## Community Thanks

The Federal Way High School robotics team serves the Federal Way community by dedicating the time and effort of hard working staff and community mentors to further the education of computer science and engineering in the school district. However, without the help of the community via funding and support, students with a passion for engineering and related fields would not have the chance to learn about their modern, upcoming field. In short, the Federal Way community is the backbone to the future innovators of Federal Way, and thusly allows the RoboEagles team the opportunity to compete in the National FIRST Robotics Competition year after year.

## Honorable Mentions

The RoboEagles rely on the good will of local businesses and community members to keep its program alive, and would like to thank the following people and businesses for their support during the build season.

* COMPANY
* PERSON
* PERSON
* COMPANY
* CORPORATION
* BOEING
* ANOTHER DONER
* AND ANOTHER
* MAYBE TWO MORE
* ALMOST
* LAST ONE

# Becoming a Teammate

The RoboEagles is a robotics team where everyone supports the whole. Anyone can come into a room, sit down, and listen to people talk, but that’s not what is necessary for competition. The Robotics team vitally relies on the cooperation, reliability, enthusiasm, and ambition of every part of its whole. Also, it is a major part of our mission to support the learning and understanding of different engineering topics and their application to the robot.

## Requirements

We are driven to support the education of engineering and computer science in our school, and therefore no knowledge of anything related is required. However, it is recommended that you learn the basics of computer programming, computer aided design (CAD), and/or electrical engineering principles. What you learn depends on what you want to do during the build season, whether that is design, programming, or building (fabrication).

## Organization of the team

The team is organized so that there is a hierarchy of information. One of the most common problems, even in industry, is flow of information (e.g. letting the design team know where the programming team is at, etc.).