# LINKS to FRC Online Resources

# **DOCUMENTATION**

Official FIRST Robotics Website - Dashboard for signing up!

FIRST Inspires - Resource Page for FRC

WPI Lib - All about FRC robot controls

WPI Lib - FRC Robot Controls

FRC Tutorials - Various Tutorial Documents by several Teams

Swerve Drive Introduction - One Team's Methods

gitbook - Web based technical documentation tools

# **SUPPLIERS**

**Cross The Road Electronics** 

Chief Delphi (CD) Forum for all things FTC

National Instruments - Lab View - Robot Software Tools

Automation Direct - Industrial Supplier of Automation equipment

Online Components - Industrial Supplier of Automation Components

The Blue Alliance - Video, Stats - All things Competition

FIRST Update Now - YouTube channel for FRC information

Andy Mark - Official Supplier of FRC Robot Components

REV Robotics - Parts for Robots

Servo City - Servo Motors and Supplies

Vex Robotics - Parts for Robots!

Phoenix Tuner - SW Tools for using CAN Bus for robot components

#### **TEAMS**

<u>Cheesy Poofs - Team #254 Youtube resources</u>

Stryke Force - Team #2767 - FRC Team from Kalamazoo - Website

Stryke Force - Resources and Links

Robonauts - Team #118 - Houston TX - Website

<u>Juggernauts - Team #1 - Pontiac Michigan</u>

<u>Secret City Wildbots - Team #4265 - YouTube Page</u>

### CAD

OnShape - CAD Software - Browser Based

Solid Works - 3D solid modeling software - Free for FRC teams

AutoCAD - Fusion 360 - 3D modeling SW

## **PROGRAMMING**

LabView

LabView Tutorial - YouTube FUN

Java

Getting Started with JAVA for FRC - WPI eBook

C++

FRC Tutorials - Introduction to Programming with C++ - eBook