

Useful Online Resources

Useful Resources (save this y'all)

Learning Resources

- [Onshape Basic Setup for FRC](#) - Walkthrough into installing onshape
- [Onshape's Proprietary Learning Resources](#) - Onshape's own design platform into learning CAD at all levels.
- [3005 Robochargers Summer Onshape Class](#) - A CAD class made specifically for FRC and robotics. If you want to learn CAD in a robotics environment START HERE if working at home. We cover the first two weeks or so.
- [Feature Scripts](#) - A website with multiple feature scripts, used to automate aspects of design
- [FRCDesign.org](#) - Another robotics CAD resource in development.
- [Chief Delphi](#) - Forum to stay up to date for anything FRC or robotics.
- [The Blue Alliance](#) - Resource for scouting, match data, videos and much more.
- [Statbotics](#) - Similar to Blue Alliance but specifically for data analysis and visualization.

Parts Stores

- [McMaster](#) - Industrial supply company for a variety of products like fasteners, bearings gears etc.
- [Andymark](#) - Main supplier for robot specific parts
- [Rev Robotics](#) - Secondary supplier
- [West Coast Products](#) - Another supplier
- [Thrifty Bot](#) - Affordable parts and kits.
- [Swerve Drive Specialities](#) - Says in the name, company that specializes in swerve drive systems.

Calculators

- [Belt Calculator](#)
 - [Motor Calculator](#)
 - [Mechanism Ratio Calculator](#)
 - [Tap and Drill chart](#)
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