# Reference Material

## 2016 FRC Control System

This is the whole manual for everything that has to do with the robot’s control system (hardware, software, debugging, etc.). There’s a lot of information in here so it might not be practical to read it all but it does make a good reference.

<http://wpilib.screenstepslive.com/s/4485>

## FRC C++ Programming

This section of the documentation introduces you to C++ programming for FRC. It’s a good starting point if you learn well by reading.

<http://wpilib.screenstepslive.com/s/4485/m/13810>

## WPILib Docs

WPILib is the library that contains all of the code that FRC wrote for teams to be able to easily interact with things like motors, sensors, joysticks, etc. The official documentation for all these objects can be found at this link.

<http://first.wpi.edu/FRC/roborio/release/docs/cpp/>

There’s also unofficial documentation that lets you easily browse the source code in case you need to know what’s going on under the covers. This isn’t often necessary but if things aren’t working the way you think they should, this is a good resource. There’s no truer documentation than the source code … if you can figure out what it’s doing.

<http://www.virtualroadside.com/WPILib/index.html>