

Queuing Training - FIRST LEGO League

Welcome to the CVR Queuing Training! First off, thank you for being a *FIRST* LEGO League Volunteer and helping to make a huge impact on the students in our community.

This training is split into an overview of *FIRST*, followed by an overview of roles in Pit Admin, and then concluding with details on job duties. After reading all of the training, you may take the certification test on MyCVR.

What is *FIRST*?

You are here because you want to volunteer for *FIRST*, but first lets learn a bit more about our organization. Straight from the *FIRST* website, "*FIRST* (*F*or *I*nspiration and *R*ecognition of *S*cience and *T*echnology) was founded in 1989 to inspire young people's interest and participation in science and technology. Based in Manchester, NH, the 501(c)(3) not-for-profit public charity designs accessible, innovative programs that motivate young people to pursue education and career opportunities in science, technology, engineering, and math, while building self-confidence, knowledge, and life skills. *FIRST* is **More Than Robots**. *FIRST* participation is proven to encourage students to pursue education and careers in STEM-related fields, inspire them to become leaders and innovators, and enhance their 21st century work-life skills".

What is *FIRST* LEGO League?

The Training you are currently undergoing is for the *FIRST* LEGO League program. Let's take a deeper dive into *FIRST* LEGO League. Directly from the *FIRST* website, "Guided by two or more adult Coaches, *FIRST* LEGO League* teams (up to 10 members, grades 4-8**) research a real-world problem such as food safety, recycling, energy, etc., and are challenged to develop a solution. They also must design, build, program a robot using LEGO MINDSTORMS®, then compete on a table-top playing field".

What is the ethos of *FIRST* ?

As members of the *FIRST* Community, there are two vital pieces of vocabulary that we all need to understand. These would be "Gracious Professionalism" and "Coopertition".

Gracious Professionalism

Straight from *FIRST*'s website, "Gracious Professionalism is part of the ethos of *FIRST*. It's a way of doing things that encourages high-quality work, emphasizes the value of others, and respects individuals and the community. With Gracious Professionalism, fierce competition and mutual gain are not separate notions. Gracious professionals learn and compete like crazy, but treat one another with respect and kindness in the process. They avoid treating anyone like losers. No chest thumping tough talk, but no sticky-sweet platitudes either. Knowledge, competition, and empathy are comfortably blended. In the long run, Gracious Professionalism is part of pursuing a meaningful life. One can add to society and enjoy the satisfaction of knowing one has acted with integrity and sensitivity."

Coopertition

FIRST says, "Coopertition® produces innovation. At *FIRST*, Coopertition on is displaying unqualified kindness and respect in the face of fierce competition. Coopertition is founded on the concept and a philosophy that teams can and should help and cooperate with each other even as they compete. Coopertition involves learning from teammates. It is teaching teammates. It is learning from Mentors. And it is managing and being managed. Coopertition means competing always, but assisting and enabling others when you can."



Central Valley Robotics, or CVR, expects all members of our community to conduct themselves with these two ethos in mind. Volunteers, Parents, Student Participants, and Coaches should all actively engage in or encourage both Coopertition and Gracious Professionalism whenever possible.

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