



## **Team 254 FRC Driver Selection Criteria**

The following is a list of the qualities that are required of the robot drivers in order of importance, with the highest priority criteria listed at the top. Typically, two driver positions are available; the base driver, and a co-driver or 'operator' who controls the secondary mechanisms. A third student member of the drive team, sometimes called the 'human player,' is also selected using similar criteria, but requiring different skills depending on the requirements of the game. Backup positions for these roles will also be chosen using the same criteria.

### **DRIVER QUALITIES**

#### **A good driver is:**

##### **Mature**

- Must take the role seriously
- Must be dependable, responsible and reliable
- Calm under pressure

##### **Communicative**

- Must be able to listen to instructions from the co-driver and the on and off field coaches
- Must be able to communicate robot related issues and remember details that occurred during a match to help improve strategy or to diagnose robot performance issues

##### **Respectful & Cooperative**

- Must respect the team and its members, teachers, mentors, sponsors and robots in both VEX and FRC. Must respect the competition and the teams you are competing with and against
- Must cooperate with co-driver, coaches, mentors, pit-crew and scouting team.
- Cannot second guess or hesitate when following instructions or directions and must coordinate effectively with the co-driver and coach

##### **Humble & Accommodating**

- Can take criticism, is open to helpful advice, and is humble and gracious in their role
- Can accommodate changes in strategy, robot design, and can quickly adapt

## **Dedicated & Hard Working**

- Typically drivers maintain their roles for the entire season. Drivers must have a good work ethic in robotics and in school to ensure participation eligibility
- Willingness and availability to practice
- Thorough knowledge and understanding of current and previous years game rules, strategies, other teams robots and capabilities

## **Experienced**

- Previous years driving in VEX, FRC, participation in varsity sports, speech & debate, competitive gaming, R/C car/plane/helicopter operation, etc is a huge plus
- Time spent in front of large crowds, under pressure, with a team relying on you
- Time spent practicing
- Thorough understanding of the game rules, team strategy, other teams performance and capabilities, etc

## **Skilled & Assertive**

- Excellent hand-eye coordination
- Thorough understanding of physics and spatial relations
- Intuition and Instinct
- Aggressive and motivated

## **Knowledgeable in Mechanical, Electrical & Controls aspects of the robot**

- These skills can be taught during the build season and have the least significance on driver selection

## **ELIGIBILITY & EXPECTATIONS**

Students who have shown initiative and have come to the lab to practice and “try-out” are eligible for a driver role. All student members, regardless of age, role on the team, or previous experience are eligible, however, all drivers must maintain a minimum 3.0 GPA to be selected and remain eligible. Similar to competitive sports teams at BCP, these positions will be chosen by a team of mentors, coaches, and teachers. Since all members including leaders and captains are eligible, the leadership team is not part of the driver selection process.

If chosen, students are expected to be present during practice sessions which will be held for approximately 2-3 hours a day for 4-6 days a week of the 6 week period after the robot is completed up until the World Championships. The dedication and involvement required is significant, and these positions should be respected and viewed as an honor to those who are chosen. Consider these positions equal to being chosen as the starting quarterback to the football team.

Please feel free to contact Travis Covington if there are any questions.