

Team 2147 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 at the top of the list. Typically, there are two driver positions available each year; the base driver, and a second driver or ‘operator’ who main control secondary mechanisms or aid in the implementation of game strategy. A third student member of the drive team, sometimes called the ‘human player’ is also selected using similar criteria listed below, but may be chosen based on different skills due to the varying requirements of the game each year.

Driver Qualities

Mature & Communicative

- Take the role seriously – be dependable, responsible, and reliable
- Must be able to listen to instructions from the co-driver and coaches on/off the field
- Must be able to communicate robot related issues and remember details that occurred during a match to help improve strategy or diagnose robot performance issues
- Cannot second guess or hesitate when following instructions or directions and must coordinate effectively with co-driver and coach

Dedicated & Hard Working

- 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 to said changes
- Typically drivers maintain their role for the entire (yearlong) 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, as well as other teams robots and capabilities

Knowledgeable in Mechanical, Electrical, & Controls aspects of the Robot

- These skills can be taught throughout the build season and have the least impact on the drivers selection

Eligibility and Expectations

Students who have shown initiative and have come to the lab to practice and “try-out” are eligible for a driving role. All student members, regardless of age, role on the team, or previous experience are eligible to try-out, however all drivers must maintain a minimum 2.75 GPA to be selected and remain eligible. Similar to other competitive sports teams at WVHS, these positions will be chosen by a team of mentors and coaches, with teacher input. Since all team members including leaders and captains are eligible to try-out, the student 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 approximately 1-3 hours a week of the 6 week build period and up until the World Championships. The dedication and involvement requirement of the drivers is significant, and these positions should be respected and viewed as an

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Modified from FRC Team 254

honor to those who are chosen. Consider these positions equal to being chosen as the starting quarterback on a varsity football team.