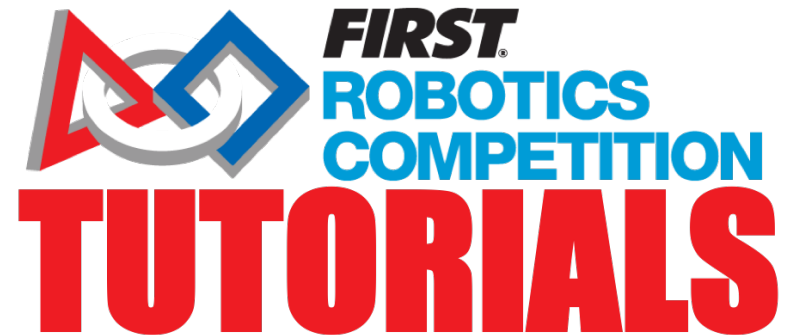


Drive Team Selection

TEAM 8027



What is the Drive Team?

- Only a small subset of your team goes onto the field
 - Coach – Has a full view of the field and communicates information to the drivers
 - Driver 1 – Main driver and many operate some of the mechanisms
 - Driver 2 – Operates some of the robot mechanisms
 - Human Player – delivers field elements to drivers and communicates information to help drivers
- These four must coordinate and communicate. Along with the Technician, they will set up their robot and controllers prior to the match
- The team mentors generally select the drivers based on experience, talent and other qualities described in this lesson



How do you pick a driver?

- Some teams hold tryouts to pick the drivers every year
- Most teams do not have a field. Therefore, drivers simulate their abilities in any empty space with some obstacles
- Some teams pick young drivers and keep them for several years
- Drivers must know the rules of the game and also demonstrate their driving skills
- **[Rookie Tip]** Participate in off-season competitions and use them to try out drivers and to give them practice

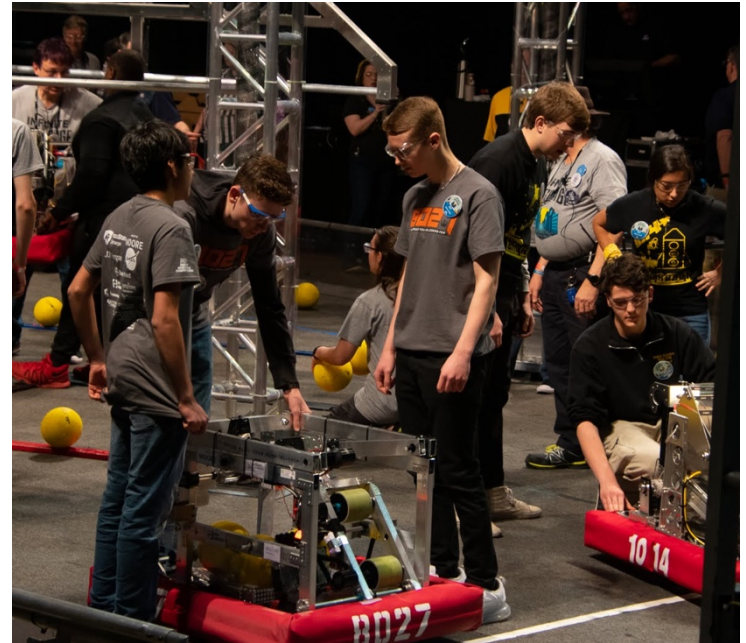


Dependable and Calm

- The drivers must take the responsibility seriously. It is an honor to be chosen by your team and you must represent the team well.
- They need to be calm under pressure. Driving can get stressful.
- They need to be reliable and willing to come to extra practices. It takes practice to learn to drive.
- They need to make their team their priority. Students with many other extracurricular commitments are usually unable to prioritize robotics.

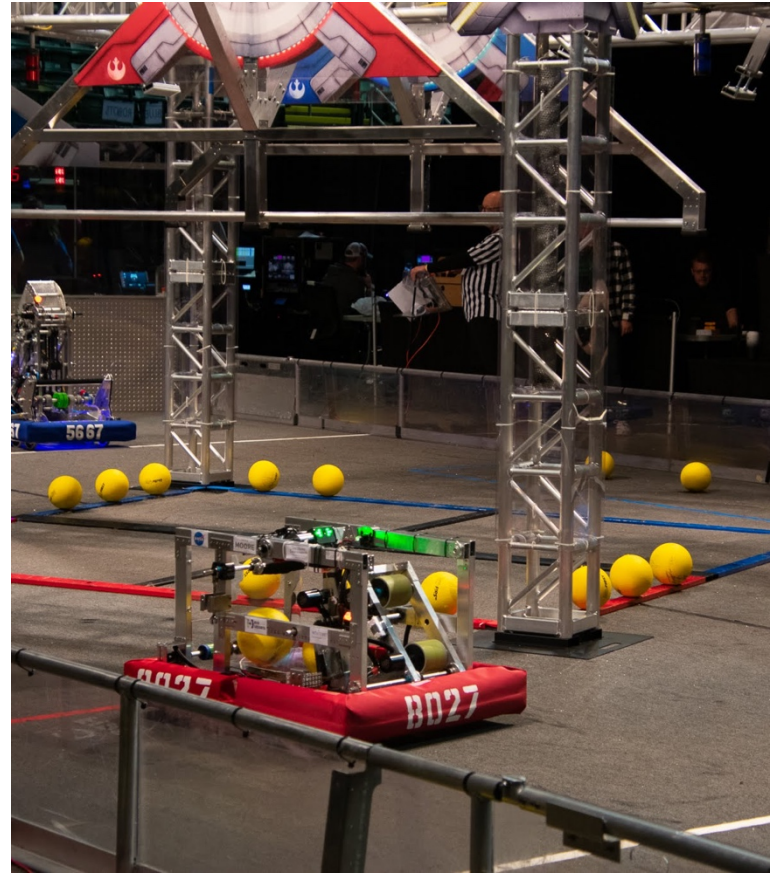
Strong Communication Skills

- The drivers must be able to communicate easily and clearly with the coach, human player, each other, and other teams
- They must be willing to listen as much as willing to speak
- They must be able to take feedback from the rest of their team and other teams



Think on the Fly

- The game changes every time you play it because you have different teams on your alliance or your robot functions differently.
- They must be able to make decisions quickly
- They must be willing and able to adapt to the situation.



Talent

- Drivers must be able to use controllers with ease
- Excellent hand-eye coordination is necessary
- They must be able to judge distances on the field
- Good instinct and reaction times are needed
- They must be aggressive (in a good way)

Overall Team Contribution

- 8027 also takes into account the overall commitment and contribution to the team since we believe that a student willing to put in additional hours and committed to producing high-quality work for the team has the necessary dedication level
- A student who understands the robot (mechanical or programming) is also helpful as they may be able to make some decisions based on this knowledge.

Credits

- This lesson was written by FRC 8027 for FRCTutorials.com
- You can contact the author at team@droidsrobotics.org



- More lessons for FIRST Robotics Competition are available at www.FRCTutorials.com



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