

(20 pts) Approx. 2 days

This is the fun part: compete! After 3 weeks last semester making our robots drive autonomously, and then another 3 weeks this last January getting our robots driving with remote controls, it’s time to get ready for our class competition! Over the last two long days of the quarter we’ll be having organized competition matches – it’s your job to get your robot competition-ready for both autonomous AND driving.

1. **Compete in Class:** This is it! You get to make your robot do what you need it to do in our big class competition. Whose robot is best!? For our class competition, we will follow the FTC rules as outlined in the FTC Game Intro animation on the website. Keep the following ideas in mind:

All of our matches will be either 1 robot vs 1 robot, or alliances of 2 robots vs 2 robots

The match will start with a 30 second autonomous period
(Your robot needs to be able to move in this period)

The match will continue with a 2-minute driver-controlled “Tele-Op” period
(Your robot needs to be able to move in this period)

No rough contact between robots will be allowed. It’s **not** BattleBots

The robot or alliance that scores the most points will win the match!

2. **Work with your team:** Making a robot work in competition is a big challenge. For the entire unit, you need to be a positive member of your team, working well with your teammates and making sure that you help move things forward. You need to communicate well and make sure that your teammates feel supported by your efforts.

If you’re just hanging out during our class time, you will lose all of your teamwork points

Part 2: Tasks	10 points	9-5 points	4-0 points
<p>⊕ Compete in Class Competition</p>	<p>+ You were ready to compete in our class competition + You competed in at least 4 rounds of competition</p>	<p>- Your robot only competed in 2-3 rounds</p>	<p>- Your team competed in 0 or 1 rounds of competition - Your robot was never ready to compete</p>
<p>⊕ Work With Your Team</p>	<p>+ You worked well with your team + You were a positive and supportive member of your team + Your teammates rank your help highly</p>	<p>- You were not always present to help your team - Your help was sporadic</p>	<p>- You were not very helpful to your team - You were a bigger distraction than help</p>

