

## Team Sab-BOT-age's

# Proposed Team Organization

In order to get students more involved in the build process, we've come up with a new FRC team structure. What do you think?

## Overall Leadership

The new team is led by the **Team Captain(s)**, **Secretary** and **Treasurer**, plus the students in charge of each robot product (drivetrain, control, etc).

The buck stops with the **Head Mentor**, and there are also helpful **Mentor Advisors** for the robot products and technical skills. Finally, there's a **"Big-Picture" Manager** outside of the structure, who can be a student or mentor.

## Sub-Team Organization

You'll practice skills like programming, welding, CAD, etc via **Technical Pools**. To actually build the robot, though, you'll work with one or more multi-discipline **Product Teams**.

Product Teams:

- Are led by students.
- Own the robot, delivering their product on-schedule and to specification.
- Work with the **Integration Team** to develop the design, schedule, budget, etc.
- Participate in daily & weekly Meetings to keep the build on track.

Technical Pools:

- Teach & certify design, CAD, programming, sensors, electrical work, fabrication, machining, welding, composites, pneumatics, power transmission, and more.
- Are taught by Mentor Technical Advisors with the help of qualified students.
- Let you learn as many skills as you'd like, at several different levels.

## Membership Levels

Everyone is welcome on Team 1640. But to make a great student-led robot, the **Core Team** that heads the building, leads Product Teams, and has official competition jobs should be especially dedicated:

- Be top certified in at least one technical skill, and pass the game test
- Participate in community service, volunteering, recruitment, and/or fundraising
- Log 60 productive **Build Hours** during build season (10hrs/wk)

## Competition Teams

Assuming you have parental permission and follow the rules, everyone is welcome to attend competitions. However, jobs like pit crew, presenters, scouting leads, etc are very demanding. The best qualified (contribution, experience, attendance, etc) **Core Team** students who can attend the event will have responsibility for these jobs. Drive Team tryouts are soon, too.

## Team Expectations

Membership on the team is a privilege, not a right. We have a responsibility to keep all of you safe and encourage a productive and fun environment. This means that:

- Although unlikely, any violence, illegal activity or intoxication on team time will result in immediate expulsion.
- Any deliberately unsafe behavior or intentional destruction of property will result in a counseling and **Leadership Review Board**, likely leading to suspension.
- Any disrespect of other students or mentors will also lead to a counseling and Leadership Review Board.
- Any other disruptive behavior results in a counseling and (2) lost **Build Hours**, up to (5) incidents in a month. After that, repeat offenders will be suspended.

## Technical Communication

**Weekly:** Product Leads have (2) meetings to discuss what their team's done and what it will do next. Product (Sub-)Leads need to be here to keep up with the time-crunched build! Product Leads will also hold their own weekly meetings to keep their Team on track.

**Daily Check-in:** Each build session starts with the Product Leads meeting to give updates on their Team's work. After that, they each hold similar meetings with their own Team.

**Daily Checkout:** Everyone has a quick checkout meeting with a leader to say how they're doing, report any issues, and request help or resources for the next meeting.

**Mentors:** Mentor Advisors don't have speaking roles at these meetings, but they are there if you have any questions or need help. You'll also be able to talk to them personally about your accomplishments, goals and future plans.

This gives you a lot of control over what we'll do, but does mean a lot of meeting attendance! You can send a delegate sometimes, though.

*Also check out the "How to Scrum" handout.*

## Other Communication

**1-on-1 Discussions:** The Team Captain and "Big-Picture" Manager (or whomever you'd like to talk to) will hold individual talks throughout the season to check in and to make sure mentors understand student concerns. Feel free to find any of us at any time, too.

**Guides:** Underclassmen and rookies will also get their own veteran student guide. If you know whom you'd like to be paired with, just tell Sasha or Siri.

**Student Meeting:** Sasha will lead (and Siri will facilitate) a student meeting soon to talk about this proposed structure. If you want to come, when are you available?