



TEAM HIGHLIGHTS

The team did four external design reviews throughout October, getting feedback from our sponsors at Textron and Baltimore SAE as well as our alumni and JHU faculty. We're registered for the virtual static competition in the Spring, so we'll be starting to practice for that design review soon!

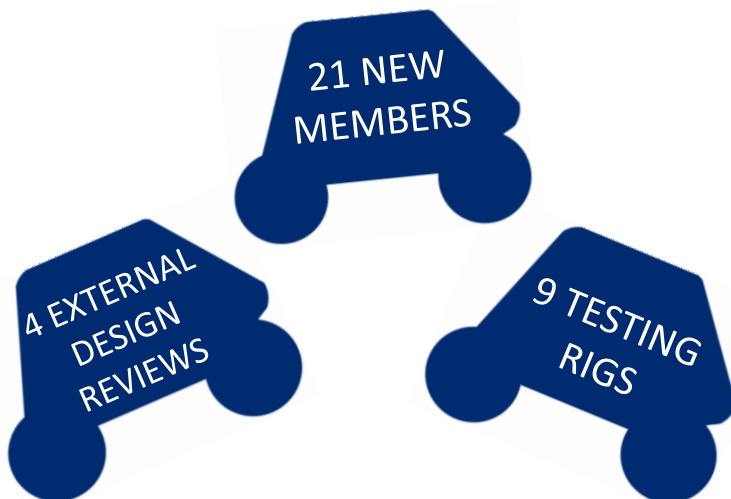
Besides preparing for our design reviews, we've been hard at work on our Fall projects: testing and validation, experimental design, and data acquisition. We placed our first orders for stock for testing rigs this week and will start manufacturing and testing soon!



New Members Manufacturing (Fall 2019)

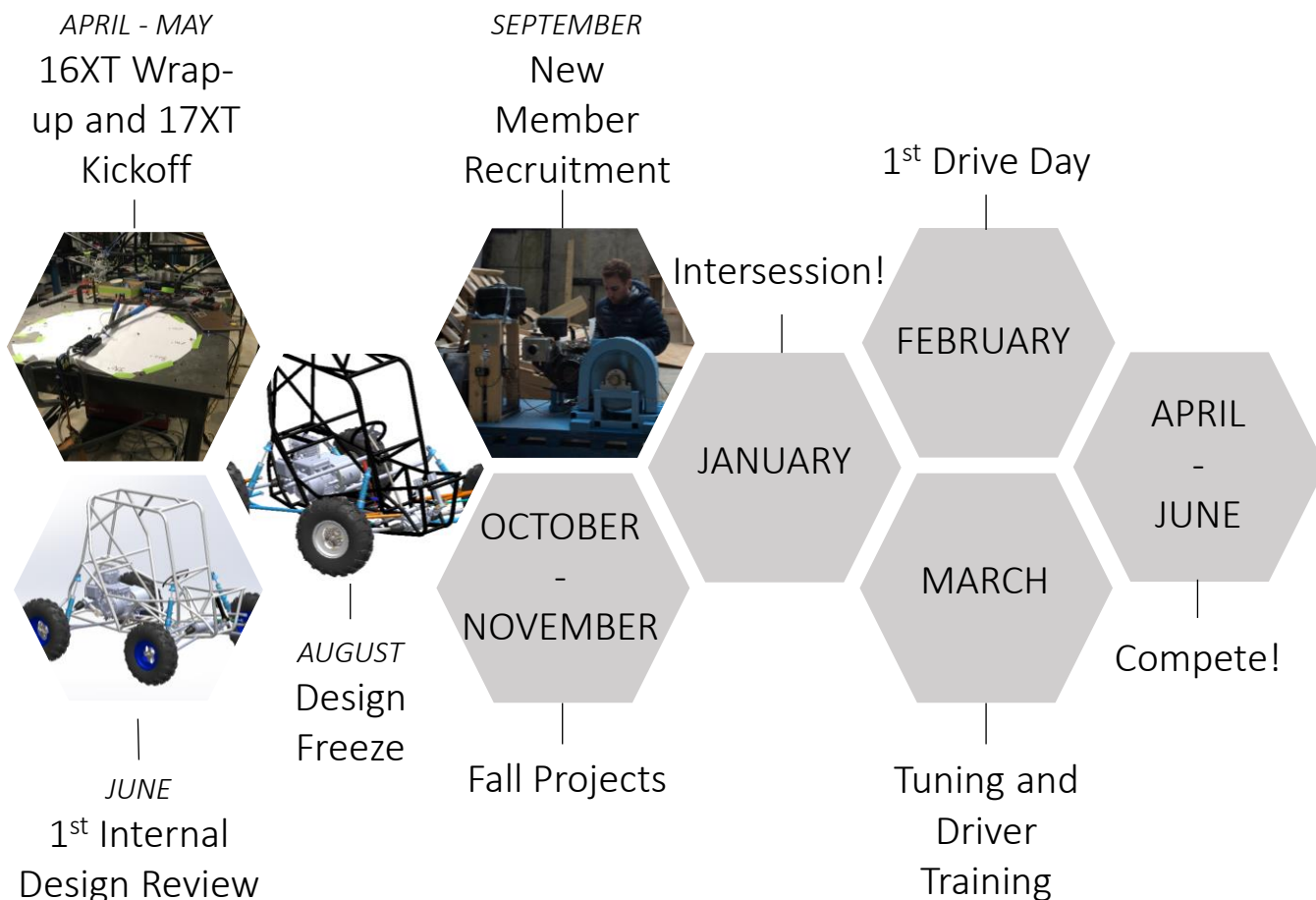
While not being on campus makes new member recruitment and retainment more difficult than it has been in the past, we've still been able to get new members involved in the team! Returning members are hosting CAD workshops and leading a variety of projects so new members can get to know the car go and through the design process with us.

We've also got new members independently leading some testing and data acquisition efforts as well as designing parts to be used in the 17XT!





TIMELINE



ON THE HORIZON

Since Hopkins hasn't announced the plan for the Spring semester yet, we're likely going to be relying a lot more on manufacturing support from our sponsors and outsourcing more components. We're hopeful that our new members will still get experience manufacturing components for the 17XT, though!

After the virtual static event in early Spring, SAE is hoping to do an in-person dynamic competition later in the semester, giving us more time to get the 17XT up and running. We'll be registering for that competition in November!



SPONSOR SPOTLIGHT

We'd like to thank one of our newer sponsors, Central Precision! Last year they laser cut our hub backplates, CVT case, and our upright jigs, and will be manufacturing some testing rigs for us this semester. Their speedy turnaround and tight tolerances are a huge help to the team!



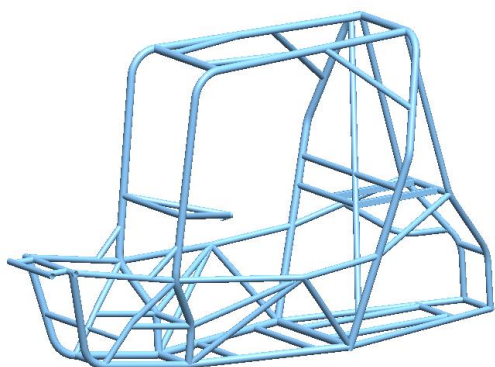
Central Precision plays a crucial role in our suspension system manufacturing and we're so grateful for their support!

TEAM MEMBER SPOTLIGHT



Meet Mariam! She's a junior mechanical engineering student from Hamden, Connecticut. She joined the team her sophomore year, and worked on manufacturing linkages and hubs, and welded a bit in the process.

This year, she is the frame lead designing the chassis (pictured) and developing a test to determine the torsional rigidity of the car. She is also working on impact testing to acquire more accurate loads for future design.





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