Greetings from Crimson Racing! The team had a busy month with multiple outreach events, design reviews, and making strides in manufacturing and design. As always, we would like to thank our sponsors for their generous support as we continue forward.

Above: A sponsor prepares to drive CR17 at this year’s Sponsor Drive Day.

Below: Members of our team marching in UA’s annual homecoming parade.

TEAM UPDATES

Design reviews were in full swing in mid-October, with each team receiving feedback from professors and former team members on how to improve their designs. Overall, design reviews were reported to have been successful. Thank you to all the professors and former team members who attended or gave feedback!

Meanwhile, manufacturing continues with powertrain beginning to work on the exhaust, differential, and stub axles keeper.

On Oct. 29, members carried out wing testing. This included observing straight-line, cornering, and skidpad performance, as well as comparing different rear wing settings. These tests were a crucial step in learning more about how different wings settings and mounting decisions will affect the car. Hopefully, wings will be able to be fully integrated into the car design for future competitions.

OUTREACH

Our team had multiple opportunities this month to share our work and interact with local students, whether that be on UA’s campus or abroad. Both Worlds of Work (WOW) at Shelton State Community College and 57 Miles at Francis Marion High School provided our team with the chance to discuss engineering with students of all ages.

At WOW, members spent two days showing 8th graders and high school students CR17, discussing real-world applications of math and science, and STEM opportunities after high school. At 57 Miles, we interacted with high schoolers alongside other UA College of Engineering organizations. Finally, the University’s E-Day was hosted Oct. 5, allowing students and other members of the community to come out and learn about programs in UA’s College of Engineering. To conclude a busy month of outreach, we hosted our Sponsor Drive Day on Oct. 28. After the rain cleared, we allowed some of our sponsors to drive CR17 and had last year’s competition posters on display showing previous designs.

Of course, it wouldn’t be October without celebrating the University of Alabama’s homecoming. CR17 rolled its way down the parade route, surrounded by team members shaking crimson and white shakers and carrying a Crimson Racing banner.