

Greetings from Crimson Racing,



Somehow, April has snuck up on us already. Only a month stands between students at the University of Alabama and summer break, meaning relaxing vacations and exciting internships are almost upon us. For us here at Crimson Racing, it means we only have a little over a month left until we're headed up to Michigan to present our car at competition. We've come so far in the last 12 months, and we are all very excited to see our hard work pay off.

We have already received some great responses to our design during SAE night at Auburn University. Three of our members, as well as the team's advisor, Dr. Paul, attended the event to present on the electronic throttle design that we plan on implementing this year. The electronic throttle design element has just been added to the competition, so we are thrilled to be among the first to use this feature in our vehicle. We placed third at the event, with the judges announcing that the top three were very close to each other, we look forward to coming up with new improvements that may give us an edge in the future.

While the University shut down during Spring Break, and most students chose to return home or explore the beach with friends, eleven of our members spent their time at the shop, working on getting our car ready for competition. All of them stayed for over half of their week off, and five of them stayed the entire break. Thanks to their dedication, we completed all five molds for the body. In order to assure that our molds are correct, we also created a couple body panels during this time. We are currently in the process of fixing some small damages to the molds and creating the final body panels that will be used in the competition.



Throughout the last month, we have made many other steps towards completing our designs as well. We were able to machine multiple small parts, ranging from intake injector bungs to the suspension spacer. After finishing both the front and rear a-arms, we will start assembling the car. We have also machined and nearly assembled the structural part of the rear box. Once we finish machining the last of the small parts for the suspension, we will have a rolling car. In the meantime, we will drive the old car for practice as soon as it finishes its final tune on the chassis dyno.

As we begin to approach the end of another amazing year, the Crimson Racing Team would like to once again thank all of you for your continued support. We truly could not have achieved any of this without you. Please contact us with any questions, comments, or advice; as always, we'd love to hear from you!

Sincerely,
Crimson Racing
alabamafsae@gmail.com
<http://fsae.eng.ua.edu/>