

With the Solar Car Challenge rapidly approaching, the team recognized that the month of May would be a crucial time. After quickly wiring up our propulsion system and hooking up all the brakes, we were able to get CASE, our Electric Car, moving for the first time with its own power. This was especially satisfying with the team members gearing up for a grueling week of finals before the end of the school year.



Additionally, we have made CASE's control panel with all of its bells and whistles: an assortment of turn signal switches, a horn, a cruise control dial, and more. Furthermore, we have begun making the skin of the car. Because CASE is now operational, we have been able to test the car and make slight tweaks in order to make it run more efficiently.



We also reconstructed the "wing" that holds the solar cells for TARS, our solar car, after we discovered flaws in our previous design. We have learned from our mistakes and have even been able to make our redesigned "wing" both stronger and lighter.



With the arrival of the shipment of our solar cells, we began a massive operation of taking every individual solar cell and connecting them to other each other to create 4x7 modules that will eventually be encapsulated and mounted on TARS. Due to the high efficiency of these cells, TARS will be competing in the Advanced Division of the Solar Car Challenge this summer.

