# REFSCAPE



## TEAM NEU 2025 Week 2 Newsletter



### Design

This week, design reached consensus and finalized the robot architecture. This enabled the subteam to get ahead on robot design, making amazing progress with CAD-ing subsystems and manufacturing parts for the scoring mechanism and drive train. Additionally, swerve modules have been assembled for the controls subteam to begin wiring, and one side of the reef field element has been finished with the rest underway!



#### Controls

The controls subteam started programming skeletal code for the various subsystems that will be on the robot. While programming, they also began testing some code on test boards. Members also began setting up new Kraken motors for the swerve and climb mechanism and experimenting with the new April Tags on field pieces.



#### **Awards**

Awards has been busy working on revising the Impact Essay and reorganizing previous sections. They've also started discussing and brainstorming ideas on what to put on the Impact Presentation.



### **Graphics**

Since the start of build season, the graphics subteam has been busy with various tasks including writing newsletters, organizing photos/videos, working on printed materials, and creating social media posts. In addition, members continued to work and plan for the Impact Video.



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