

## Carver High School Manufacturing Program Student Visit June 24<sup>th</sup>, 2022

RPM Tech believes in giving young individuals opportunities to understand what kind of career path they could follow in the future. Being passionate in engineering and manufacturing, we open our doors to anyone interested in what we do. In the past, RPM Tech gave tours to high school and college students and allowed them to shadow team members. On May 19<sup>th</sup>, RPM Tech welcomed students from Carver Vocational-Technical High School in Baltimore City.



The students who attended are finishing their junior year in the manufacturing vocation program. We introduced them to engineering and manufacturing processes, meeting with members of our team.



Trevorne and Andrew discuss the engineering and design processes

In addition to demonstrations, there were hands-on stations. The students were able to learn about electrical and mechanical engineering, machining, 3D printing, laser cutting, and wiring and soldering. In the image below, Terrance is modifying a machined part on the mill.



Goodie is assembling a laser cut enclosure after witnessing it being engraved with her name and cut on our laser cutter.

At the end of the day, we discussed problem solving and the students brainstormed a technical issue. Below, Cameron is showing Goodie and Terrance the test bed discussed during the problem-solving example in which we discussed ways we could possibly test cables that were failing in the field.



We look forward to the next student visit.