Advanced Manufacturing student receives hands-on, real-world experience through internship

By Alex Kincaid

Students in Meadowdale CTC’s Advanced Manufacturing program get hands-on experience with tools and technology that will prepare them for promising careers in the field.

Riley McComas, a 10th grade student in the program, is now getting additional real-world experience after being awarded a paid part-time internship with Dysinger, Inc.

Dysinger specializes in precision manufacturing and developing parts for aviation and aerospace industries. As an intern, Riley has been tasked with painting, cleaning, and inspecting parts that are manufactured in the facility.

“I was interested in applying for this internship to learn more about what manufacturing is about,” Riley said. “I am hoping to get a better idea of what type of career would interest me through this experience.”

Joshua Gates, the Advanced Manufacturing instructor at Meadowdale, said he shared the internship opportunity with many students who he thought would be successful. The internship required all applicants to have a high GPA and at least a 90% attendance rate.

“Riley is a very good student,” he said. “He is the first student who wants to try new things, volunteer, and help out in the classroom. He is the only sophomore I offered the internship to, and I think he is really going to go far.”
Riley said his favorite part about the Advanced Manufacturing pathway has been learning to design and use a 3D printer. He is looking forward to learning more as he advances in the program.

“It is a great program,” Riley said. “I like the fact that the teacher is interactive. He is not just giving us work and telling us to do it; he really shows us what to do and takes the time to do it with us.”

The Dayton Public School District offers 26 Career Technical Education pathways that prepare students for in-demand careers. Throughout high school, students earn college credits and industry credentials toward the career of their choosing. To learn more, and to enroll for the 2022-2023 school year, visit www.daytonpublic.com.