



Manufacturing/Mechatronics Program Guide

Mechatronics is a field in engineering that uses a combination of mechanical, electrical, computer and software skills to work with smart technologies, such as robots, automated guided systems and computer-integrated manufacturing equipment.



Start In High School. Follow *Your* Perfect Path.

High Schools

By participating in high school CTAE programs, students can create opportunities to continue their studies in college, pursue an entry-level job, or serve in a related field in the military. (See back for a full list of programs.)

TSA

The Technology Student Association (TSA) is the Career & Technical Student Organization (CTSO) that gives students an opportunity to participate in career-related competitions across the state and nation, and gain leadership experience.

Certifications

After completing a CTAE pathway, students prepare for the SkillsUSA Mechatronics Skills Connect Assessment, at CTAE expense, that may qualify them for entry-level jobs and/or college credit.

Work-Based Learning

Students have the opportunity to be released early from school to work in positions related to their CTAE pathways.

Direct-to-Work

Rigorous high school programs prepare students for manufacturing/mechatronics careers upon graduation.

