

Did you know?

Power Technology



Program Description:

This program will help prepare you for a challenging occupation, ranging from a heavy equipment technician, equipment operator, parts/equipment sales field, off-road equipment or A.T.V. business. Our individualized program enables students to maintain and repair recreational, agricultural, and heavy equipment. Students will tune up, troubleshoot, and overhaul gasoline and diesel engines. Students will also become familiar with suspensions, power trains, hydraulics, air conditioning, and electronics. Welding fabrication is also learned as part of this program. Students have the option of attaining State Mechanical Certification as well as earning potential articulation credits through our NATEF certification in Medium/Heavy truck repair.

This program helps student explore careers in the following areas:

- ✓ diesel engines
- ✓ gas engines
- ✓ hydraulics
- ✓ welding and fabrication
- ✓ shop safety & maintenance
- ✓ heavy equipment

Program Highlights:

- ✓ 10-hour OSHA certification
- ✓ On-the-Job Experiences (OJT)
- ✓ Welding and fabrication
- ✓ Snap-On Multi-Meter Certification
- ✓ CDL (Commercial Driver's License) course
- ✓ Design and utilize plasma cutter
- ✓ Obtain forklift certification



"At the HATC I was enrolled in the Power Technology Program for two years. Mr. Riske taught me electronics and welding. Mr. Meissner taught me all the components of an engine and how to break it down. I'm also enrolled in the CDL class at the tech center. My future plans are to attend UNOH in the Diesel Technology Program."

-Robby, 2020

Meet your instructors:

Mr. Michael Meissner, Instructor

Mr. Meissner is a 2007 graduate of the HATC power technology program. He took this same program because he grew up on a farm and always loved and understood the need for these skills. As a freshman and sophomore in high school, he didn't think he wanted to go to college and further his education: The Power Technology at the HATC changed all that. As he developed skills in welding/metal fabrication as well as small engine and diesel technology, he realized the constant need in the workforce for these positions. applied to Ferris State University to pursue a degree in heavy equipment technology. During his time there, he was able to do an internship at TNT Equipment in Sandusky and build on more agricultural aspects of the program. He is looks forward to working with students in the years to come to inspire them in this field of study.



Mr. Steve Riske, Paraprofessional



While in the US Army, Mr. Riske obtained a degree in Diesel Automotive Fundamentals (electrical, hydraulics, basic engine diagnostics). He worked as a federal technician for 5 years where he worked on various military equipment. He also obtained his CDL through the military. In 2019 he obtained his certification for welding through Mid Michigan Community College. The thing he enjoys the most about working with students is that he gets to see their way of problem solving and they help him grow. "I enjoy seeing the students succeed."

Articulation Agreements

Articulation agreements are made between colleges and the HATC, which give students an opportunity to earn college credit at an institution for being a completer in their HATC program.

Students are encouraged to seek more information from their instructors. The following agreements are in place for this program at this time:

[Delta College](#)

[Ferris State University](#)

[Mid-Michigan College](#)

[University of Northwestern Ohio \(UNOH\)](#)

What do students have to say?

Hands-on learning is what I love best and this program offers just that!

There is so much to this program. The plasma cutter was one of my favorites.

Huron Area Technical Center

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For more information or to enroll, please contact:

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