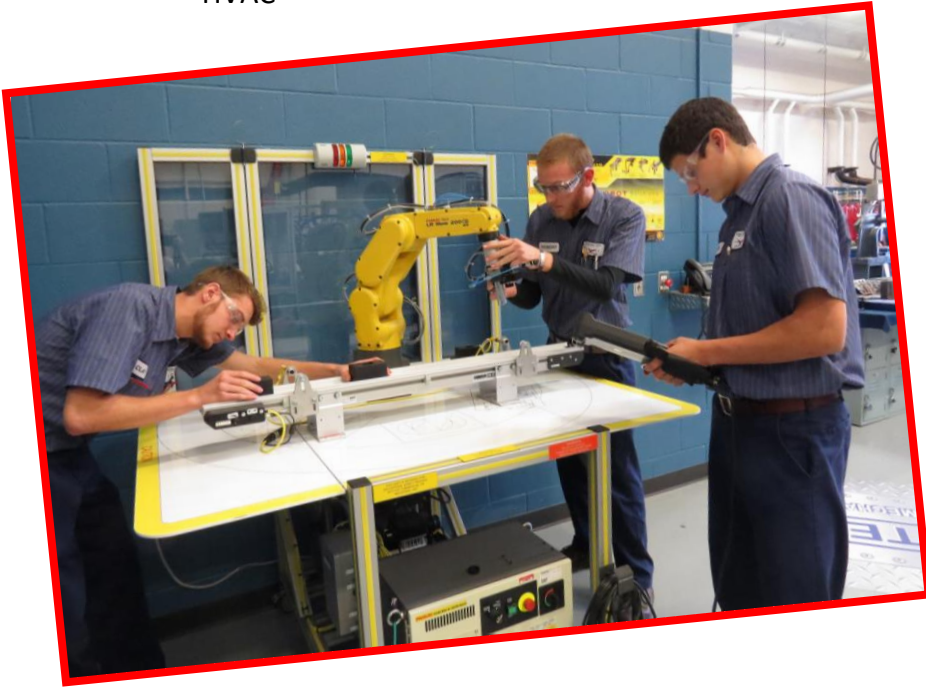


Industrial Mechanics



CAREER OPPORTUNITIES:

- Maintenance Tech
- Machine Repair Tech
- Welder
- Sheet Metal Worker
- HVAC



- Repair, troubleshoot, and maintain all types of industrial equipment
- Operate and program FANUC and Motoman robots with industrial implementations
- Fabricate materials for new and replaceable parts
- Students receive OSHA 10 hour Safety Certification

Career Focus:

Be prepared for immediate employment, apprenticeship program, and further education.

Students in all of our career tech programs may be eligible to receive college credits for coursework completed at Vantage through articulation agreements with area colleges. Please check with the program teacher for complete information.

Welcome!

Vantage Career Center is for YOU! Any 11th or 12th grade student living within the participating school districts may attend Vantage. Instructors with valuable work experience in their field engage students by teaching technical and academic skills for high demand careers. Programs feature nationally recognized curriculum taught by industry experts using advanced technology and equipment. Students develop the skills and positive attitude necessary to enter the workforce or continue their training and education beyond high school.

Admission Requirements:

Completion of sophomore year of high school and...
2 Units of English - 2 Units of Science - 2 Units of Math
2 Units of Social Studies
1 Unit of Health & Physical Education

For More Info

Email:

knott.m@vantagecareercenter.com

Call Vantage Student Services

419-238-5411 OR

1-800-686-3944 ext. 2126

Attend Open House @

Vantage from 5:00 – 7:30 pm

on Monday, February 26, 2018

“Like” our Vantage Career Center page on Facebook! That’s where you’ll find information, updates and pictures!



Industrial Mechanics

Major Competency Areas

Benchwork/Sheetmetal

Hand Tools

Shearing Machine

Box and Pan Brake Machine

Soldering

Pattern Layout

Oxyacetylene Welding

Torch Setup & Cutting

Filler Rod Welding, Basic Joints

Brazing

Arc Welding

Weld Basic Joints, Flat Position

Weld Pipe and Tubing

Air Arc Cutting

Plumbing

Steel Pipe Cutting/Threading

Steel Pipe and Fitting Fabrication

Copper Pipe Sweat Soldering

Tube Flaring and Bending

Electricity - Residential

Install Duplex Receptacles

Install Single Pole Switches

Install Three-way/Four-way Switches

Install Lighting Fixtures

Install 240 V. Receptacles

Troubleshoot All Systems

Engine Lathe

Turning/Facing/Knurling/Tapering

Set Up Four-Jaw Chuck

Micrometer Reading

Grinding Lathe Tools

Milling Machine

Layout a Plate

Drilling

Cutting

Industrial Electricity

Bend Conduit

Wire and Install Machine

Volt/Ohm Meter Testing

Motor Controls

Basic Components and Wiring

P.L.C. (Programmable Controllers)

Hydraulics/Pneumatic

Building and Troubleshooting

Systems

Robotics



RAMTEC