

Precision Machining



CAREER OPPORTUNITIES:

- CNC Technician
- Machinist
- Lathe Operator
- Mill Operator
- Water Jet Operator



- Invent, design, and manufacture the tools and components for a variety of production needs
- Utilize advanced computer-controlled technology to create steel, aluminum, and plastic components
- Use the same advanced equipment and techniques as industry leaders

Career Focus:

Be prepared for immediate employment, advanced industrial certifications, and further education.

Certifications:

OSHA 10 hour Safety Certification

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 and follow us on Twitter
@vccstudents! That’s where you’ll
find information, updates and
pictures!

Precision Machining

Major Competency Areas

Shop Safety
Hand Tools
Saw Operation
Blueprint Reading
Bench Layout Use Measuring Tools
Advanced Blueprint Reading
Drill/Lathe Tool Bit Sharpening
Drill Press/Lathe Operations
Lathe Feeds and Speeds
Vertical Mill Operations/Setup
Mill Feeds and Speeds
Digital Readout Systems
Oxyacetylene Torch Operations
Surface Grinder Setup
Radial Drill Press
Precision Layout
Carbide
Hydraulic Surface Grinders
Numerical Control
Programming/Operation
(Lathe & Mill)
Computer Numerical Control
Programming /Operation
(Lathe & Mill)
Computer-Aided Manufacturing
(CAM)
Computer Aided Drafting (CAD)
Manufacturing Processes
Metallurgy
Programming/Operation
(WaterJet)
FANUC Operations & HAAS

The most outstanding characteristic of machine tools is their precision of operation.

This precision makes possible the production of thousands of identical parts which may easily be interchanged in the assembly or repair of final products.

As a result, nearly every product of American industry, from cornflakes to turbines, is made either using machine tools or using machines made with machine tools.



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