

Students can earn credit for learning at work!

Students learn how to work in an employment atmosphere and are job ready upon completion of the program.

Machining technicians with diversified skills are in high demand and jobs are plentiful.

Wages for machining related trades range from \$8 - \$20 per hour for high school vocational graduates. Additional technical training after high school such as college or an apprenticeship can earn students wages of \$13 - \$30 per hour or \$40 - \$50k per year.

College related educational opportunities include engineering and technical programs in mechanical, manufacturing, quality, and production all of which are offered at local schools such as Ivy Tech, Purdue, Indiana University, Vincennes University, and Ball State.

There are also local and state sponsored machinist apprenticeship programs, which students can participate in after high school.

PORTER COUNTY CAREER AND TECHNICAL EDUCATION

PROVIDING THE OPPORTUNITY FOR EVERYONE TO BE SUCCESSFUL AT WORK!

1005 N. Franklin Rd. VALPARAISO, IN 46383
PH. 219-531-3170
FX. 219-531-3173

COME VISIT OUR CLASS AND SEE FOR YOURSELF!

This is not a "boys only" class or career. We encourage any student to pursue this challenging career.



GREG CARMACK - INSTRUCTOR
MODERN MACHINING
TECHNOLOGY
PORTER COUNTY CAREER CENTER
1005 FRANKLIN, VALPARAISO, IN. 46383
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MODERN MACHINING TECHNOLOGY

*AT THE PORTER COUNTY CAREER
AND TECHNICAL CENTER*



Porter County Career
And Technical Center



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VALPARAISO, IN 46383
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The Porter County Career and Technical Center has a full-scale machine shop facility with full sized – state of the art industrial equipment such as engine lathes, milling machines, surface grinders, band saws, cylindrical grinder, CNC mills and CNC lathes.

Students develop skills in machine shop related processes such as sawing, drilling, boring, milling, turning, grinding, finishing and heat-treating.

Students work with various metals such as steel, aluminum and brass as well as plastics.

Students are introduced to computer aided machining (CAM) and CNC (computer numerical controlled) machines and work with Computer Aided Drafting (CAD) models.

Students learn to read blueprints and machine parts according to print dimensions. They will also learn to accurately measure parts within .0005 inches with a variety of precision gauges and instruments and develop skills in quality and craftsmanship.

Students have produced machined parts for cars, trucks, motorcycles, ATV's, BMX Bikes, skates and skateboards and RC model parts. Students also participate in joint projects with students in the Electronics and Computer Aided Drafting (CAD) classes.

Machining Technology is offered to high school junior and senior BOYS

and GIRLS who can earn 6-8 high school credits possible per year.



Careers in machining include:

- Production CNC Machine Operator
- CNC Machine Lead/Setup Person
- CNC Programmer/Machinist
- CAD/CAM Technician
- General Machinist
- Toolmakers, Mold Maker, Tool & Die makers and Pattern Maker
- Maintenance/Repair Machinist
- Journeyman Machinist

Machining careers are available in industries such as:

- Automotive & Transportation
- Aerospace
- Military Equipment Suppliers
- Military Service
- Steel Mills
- Foundries
- Plastic Injection Molding Facilities
- Medical Device Manufacturing
- Racing
- Sports Gear Manufacturing
- Food Processing Equipment Mfg.
- Firefighting Equipment Mfg.
- Railroad
- Virtually all types of manufacturing.

Students can also participate in the “school to work” program along with local manufacturers and machine shops. 2nd year students are eligible in their 2nd semester of the program.

