



# MACHINING AND ENGINEERING TECHNOLOGY

Machining and Engineering Technology is a pre-engineering program that introduces students to reading blueprints, using machine tools such as lathes, mills, programming for 3 or 5 axis Computer Numerical Controlled (CNC) machines, and using waterjet machine to shape materials into precision parts. They use their knowledge of materials and their skills with the tools to design and manufacture products that meet precise specifications. Seniors may earn a spot in the Vantage Career Advanced Placement program, securing employer prior to graduation.

## Admission

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

## Opportunities

- ✓ Early Job Placement
- ✓ College Credit Plus
- ✓ SkillsUSA Competition

**Vantage Career Center**

419.238.5411 x2126  
818 N Franklin St, Van Wert,  
OH 45891

<https://www.vantagecareercenter.com/precmach.aspx>

GET THE **EDGE**



## Focus

Students will learn to...

- ✓ Invent, design, and manufacture the tools and components for a wide-range of production needs
- ✓ Use the same equipment and techniques as industry leaders

## Certifications

- ✓ OSHA 10 Hour Safety Card
- ✓ FANUC CNC Certification

## Career Advanced Placement

Seniors who meet the qualifications may choose to go on early placement their senior year. Students gain valuable skills and experience in the Career Advanced Placement (CAP) Program while working in a job in their career field, earning a wage and a grade.



Scan for more Information

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