



ADVANCED MANUFACTURING

DO YOU?

- ✓ Enjoy working with the latest technology?
- ✓ Have an attention to detail?
- ✓ Like designing & making things?
- ✓ Want to learn in a state-of-the-art lab?
- ✓ Like to work with your hands?



YOUR EXPERIENCE

JUNIOR YEAR:

Drill presses, mills & lathes
Vertical & horizontal saw operation
Measurement & tolerances
Blueprint reading
Basic tools & benchwork
CNC (Computer Numerical Control) setup & operation
Basic CNC programming

SENIOR YEAR:

Lathe operation
Vertical mills operation
Advanced CNC programming
Mastercam CNC programming
Internships

POSSIBLE WORK-BASED LEARNING SITES:

Timken | SFS intec, Inc.
Akron Electric | BWXT
Wright Tool
Flohr Machine
Parker Hannifin
Hannecard
Wagner Machine



CAREER & COLLEGE READY

All programs have associated college credit for students who have completed their programs and met the requirements to earn those credits.

6 HIGH SCHOOL CREDITS

AVAILABLE INDUSTRY-RECOGNIZED CREDENTIALS

Tooling U | OSHA-10
AHA CPR & First Aid
NIMS Mtls Measurements & Safety
NIMS CNC Lathe Operations
NIMS CNC Mill Operations
Lean/Six Sigma Yellow & Green Belt
Ohio Means Job Readiness Seal



LOCATION: BARBERTON HIGH SCHOOL

TEACHER: Keith Francis

EMAIL: kfrancis@barbertonschools.org

PHONE: 330.753.1084