

PLUMBING & PIPEFITTING



Share Time Program for High School Junior and Seniors

The Plumbing and Pipefitting program exposes students to the essential concepts and principles of plumbing, pipefitting, and heating in residential and commercial environments. Students learn the knowledge and skills required to perform the functions of plumbers and pipefitters, including drafting and design, pipe installation, building codes, venting systems, and green technology. Upon completion, students have the opportunity to advance their studies and pursue apprenticeship through participation in Continuing Education at the Morris County Vocational School District. An articulation agreement provides students with the opportunity to begin the post-secondary program with advanced standing.

PROGRAM OVERVIEW

- Tool and Shop Safety
- Installation and repair of residential and commercial systems
- Water Pipe Installation (PEX and Copper Sweating)
- Gas Pipe Installation
- Pipe Cutting and Threading
- Drainage Systems (Cast Iron, PVC, and ABS)
- Venting Systems
- Steam and Hydronic Heating Systems
- Drafting and Interpreting Blue Prints
- Cost Analysis and Efficiency
- Career Exploration
- Industry Standard Plumbing and Heating Systems
- Plumbing Codes and Permits
- Green Technology
- Applied Math Concepts
- Applied Science Concepts
- OSHA 10 Training and Certification
- **HIGH SCHOOL CREDITS EARNED:**
 - Career and Technical Education Program = 20 Credits
- **Students who meet the NOCTI criteria may earn college credits.**

Students will be required to:

- Follow multi-step directions
- Perform basic math operations
- Calculate precise measurements using fractions and decimals
- Initiate tasks independently
- Work collaboratively

STUDENTS WHO COMPLETED THE PLUMBING & PIPEFITTING PROGRAM

pursued post-secondary education and/or employment as plumbers, plumbers assistants, pipefitters, and plumbing apprentices.

ALL INQUIRIES PERTAINING TO PRE-ADMISSION SHOULD BE SUBMITTED TO

Gina DiDomenico, Student Recruitment and Community Relations

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