

# From School to the Skilled Trades:

Learn how high school classes prepare you for a career in the plumbing trade.



## Math

- Use algebra to calculate pipe flow and water pressure to ensure clean water comes in while dirty water is removed.



## Physics

- Understand the effect of temperature, pressure, and gravity on the flow of water in and out of a building.



## Chemistry

- Understand water quality and its effect on a plumbing system.



## Public Speaking & Communications

- Strong and articulate communication skills are vital when working with customers and collaborating with coworkers.



## Physical Education

- Physical fitness prepares an individual to work successfully in varied environments like office buildings, homes, attics, crawlspaces, and the outdoors.



## English & Technical Writing

- Interpret building designs and create plumbing schematics.
- Written communication is key when providing service details to customers and documenting the scope of work.



## Computer Science & Technology

- Understand new technologies in water conservation and cost efficiency, and the ability to communicate these benefits to the customer.
- Install and service energy-efficient devices to existing systems.

