

## Building Trades Career Training Program

6-Month Day and  
13-Month Evening Classes

### Objective

**Plumbing and Heating** students design and build a fully functional bathroom consisting of toilet, sink, and bathtub. Water and drainage lines are installed, utilizing both hot and cold running water. Hot water heaters—electric, gas, and oil—are installed and serviced. Students are instructed in the installation and repair of forced hot air heaters, related ductwork, and hydronic heaters with radiators or baseboard units. All tasks and instructional activities are performed in conjunction with current municipal codes.

### Employment Opportunities

Graduates are prepared for entry-level positions in the plumbing and heating field as workers in commercial, industrial, and residential buildings. They could serve as heating service technicians and assistant plumbers and pipefitters.

### Career Outlook

According to the U.S. Department of Labor, employment of plumbers, pipelayers, pipefitters, and steamfitters is expected to grow 16 percent between 2008 and 2018, faster than the average for all occupations. Source: Bureau of Labor Statistics, "Occupational Outlook Handbook," 2010-11 Edition.

### Industry Certification

Students in this program are eligible to receive industry recognized certification from the Residential Construction Academy (RCA) of the Home Builders Institute upon successful completion of certification exams.



### Train Green at Orleans

Be prepared for the future by learning green skills, technologies, methods, energy-efficiencies and conservation at Orleans Tech. Our green training in Plumbing and Heating includes: Copper pipe and fittings; lead free solder; recycling copper; testing and rough in of plumbing; leak testing for code compliance and water conservation; installation of low-flow toilets faucets and shower heads; gas and electric water heaters; electronic ignition of gas water heaters; electrical control systems; programmable thermostats; furnaces electronic ignitions; boilers electronic ignitions; layout and instillation of boilers. Introduction to the theory of solar hot water and solar energy.

*\* Earn a trades diploma and college credits upon completion.*



GET STARTED TODAY!  
**215.728.4700**

Apply online at [www.orianstech.edu](http://www.orianstech.edu)



**Orleans**  
TECHNICAL INSTITUTE

*A program of JEVS Human Services*

2770 Red Lion Road  
Philadelphia, PA 19114

#### WE OFFER:

- Hands-on training
- Modern shops and equipment
- Industry experienced instructors
- Job search assistance
- Financial aid available for those who qualify
- Convenient location, accessible by bus routes #1 & #14

Approved for Veterans Training  
Accredited by the Accrediting Commission of Career Schools and Colleges (ACCSC); Licensed by the PA Dept of Education-State Board of Private Licensed Schools