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HVAC Bld Science Trainer

Job Category: ES Research and Training

Requisition Number: HVACB001671

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Posted: October 7, 2021

Full-Time

Salary Range: \$60,000 USD to \$72,000 USD

Christiansburg, VA 24073, USA

Job Details

Description

The HVAC/ Building Science Trainer customizes training design for specific Training Center clients, assists in the design and development of general building science & HVAC training materials, engages in research of industry best practices, and provides technical assistance to the Weatherization network. The position also designs the construction of appropriate training props and demonstrations. With duties of a professional nature, the position requires initiative/self-starter abilities, demonstrated skill prioritizing work with multiple projects simultaneously in a fast-paced environment.

Essential Duties and Responsibilities

- Provides classroom and field training, meeting the requirements of the training contract with the Virginia Department of Housing and Community Development (DHCD).
- Develops and delivers basic and advanced HVAC courses and provides field mentoring for HVAC technicians in residential applications.
- Trains others to perform energy audits, inspections and quality assurance assessments using diagnostic equipment, to include the Blower Door, Duct Blaster, Pressure Pan, CO Analyzer, Infrared Camera, and National Energy Audit (NEAT) and Mobile Home Energy Audit (MHEA) tools.
- Proctors Building Performance Institute certification exams following required guidelines.
- Provides technical assistance to Weatherization agency network clients via phone.
- Responsible for design, implementation and delivery of special projects, including creation and monitoring of project budgets.
- Perform other essential functions as assigned by Training Center Director.

Knowledge, Skills and Abilities

- Good communication skills, both verbal and written, and ability to interact and communicate with individuals at all levels of the organization and all levels of customers.
- Ability to accurately perform intermediate mathematical functions as required to direct training.
- High level of interpersonal skills to handle sensitive student situations.
- Ability to troubleshoot with technicians and to research solutions as required.
- Good working knowledge of a variety of computer software applications in word processing, spreadsheets, presentation software, with willingness to master new software applications.
- Ability to operate computers and standard presentation/AV equipment.

Education and/or Experience

- High School degree or GED required; Associate or Bachelor's Degree in Construction Trades/Building Technology, Instructional Technology, or related field preferred.
- 3 years' experience teaching or training adult learners, preferred

- Virginia Master Mechanical License or ability to acquire within 1 year, preferred
- Two years of project management and classroom field training experience preferred.
- 1 - 2 years installation/ service experience required; 5 years preferred.
- Proficient with Heat Pump Installation.
- Proficient with various types of gas, oil an electric heating system.
- Ability to convey complex heating and cooling system sequences and performance fluidly.
- Ability to diagnose and troubleshoot gas, oil, electric heating systems and heat pumps.
- Universal EPA 608 certification, required.
- Knowledge of mechanical codes.
- Ability to develop course materials for new classes.
- Ability and proficient with HVAC Load Calculations to include Manual J, S, D, and T.
- Knowledge of vent sizing and materials.

Customary hours are 8:00am – 5:00pm with a 1-hour break for lunch. This position may be able to work from home up to two days per week with prior supervisor approval.

These are full-time positions with excellent benefits including generous paid leave, health/dental /life/disability insurance, and retirement plan with matching, among others. Excellent work environment..

Community Housing Partners (CHP) values the diversity of backgrounds, experiences, and perspectives among our employees, residents, and partners. We are dedicated to fostering a diverse and inclusive workplace that reflects the communities we serve and allows us to better serve our mission. CHP is committed to providing equal employment and advancement opportunity to all qualified persons regardless of race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, or status as a disabled, other protected, recently separated, or Armed Forces Service Medal veteran. CHP is also committed to an equitable hiring process, and we will provide accommodations in all aspects of that process. If you require accommodation in completing this application, interviewing, or otherwise participating in the employee selection process, please direct your inquiries to Lateffa Smith, HR Coordinator, at lasmith@chpc2.org or (540)299-5477 (phone), (877)540-8049 (fax) or 711 (TTY/TDD).

Qualifications

Skills

Required

Instructing	<i>Intermediate</i>
Collaboration	<i>Intermediate</i>
Communication	<i>Intermediate</i>
Implementation	<i>Intermediate</i>
Project Management	<i>Intermediate</i>
Interpersonal Skills	<i>Intermediate</i>
Math	<i>Intermediate</i>
Training	<i>Intermediate</i>

Behaviors

Required

Team Player: Works well as a member of a group

Detail Oriented: Capable of carrying out a given task with all details necessary to get the task done well

Dedicated: Devoted to a task or purpose with loyalty or integrity

Motivations

Required

Self-Starter: Inspired to perform without outside help

Education

Required

High School or better.

Preferred

Associates or better.

Bachelors or better in Instructional Design and Technology or related field.

Experience

Required

1-2 years: Installation/ service experience

Preferred

2 years: Project management and classroom field training

3 years: Teaching or training adult learners

Licenses & Certifications

Required

Driver's License

Preferred

OSHA 30

VA Master Mechanical

HVAC EPA Type II

Equal Opportunity Employer/Protected Veterans/Individuals with Disabilities

The contractor will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. However, employees who have access to the compensation information of other employees or applicants as a part of their essential job functions cannot disclose the pay of other employees or applicants to individuals who do not otherwise have access to compensation information, unless the disclosure is (a) in response to a formal complaint or charge, (b) in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or (c) consistent with the contractor's legal duty to furnish information. 41 CFR 60-1.35(c)

Equal Opportunity Employer