



CENTRAL VALLEY OPPORTUNITY CENTER

JOB DESCRIPTION

POSITION: Solar Panel Installation/ Weatherization Instructor
SUPERVISED BY: County Director
SALARY: \$45 - \$55K/YR DOE. Excellent Benefits inc. 401K
LOCATION: Winton
DATE POSTED: June 4, 2021
APP. DEADLINE: Open Until Filled

SOLAR SUMMARY: Prepare Central Valley Opportunity Center participants for entry-level photovoltaics (PV) solar installation and maintenance employment through instruction of specific skills training and positive work habits.

WEATHERIZATION SUMMARY: Prepare Central Valley Opportunity Center participants for entry-level employment in the Weatherization industry through instruction of specific skills training and positive work habits.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following and apply to both Solar and Weatherization, except # 1, which is noted separately. Other duties may be assigned.

1. Solar: Instructs and trains students on basic knowledge leading to entry-level certification in PV installation and maintenance. Demonstrates methods and procedures involved in PV installation and maintenance including, safety basics, PV applications, electricity basics, solar energy fundamentals, system components, PV module fundamentals and troubleshooting. Possession of a C10 or C46 license is preferred.
1. Weatherization: Instructs and trains adult students on the core competencies for the weatherization assistance program. Demonstrates methods and procedures involved in introduction to weatherization, building science basics, blower door basics, pressure & thermal boundaries, combustion safety, worker safety, and materials, tools and equipment, and typical weatherization measures.
2. Supervises, manages and maintains all training operations and equipment.
3. Develops and maintains lesson plans, course objectives and curriculum.
4. Develops and implements instruction in good work habits and attitudes.
5. Develops and maintains contacts with employers and local businesses to develop potential employment sites including establishing employer site tour visits for students.
6. Develops and implements an ongoing skills evaluation system of individual and class progress leading to course objectives.
7. Assesses local needs relating to course content and revises and adjusts curriculum to meet local employer needs.
8. Works closely with employment and training and case management staff to provide ongoing student development, assessment, and guidance.
9. Counsels students both on an individual and group basis in the area of responsibility, motivation and self-confidence.
10. Completes all necessary paperwork and systems data entry in a timely manner, documents participant files, and prepares written reports upon request of the Supervisor.

QUALIFICATION REQUIREMENTS: To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

SOLAR EDUCATION AND/OR EXPERIENCE: C10 or C46 license, 40 hours of training in advanced solar photovoltaics and one year experience with PV installations.

WEATHERIZATION EDUCATION AND/OR EXPERIENCE: Knowledge of weatherization and installer competencies, principles of building science, building codes, especially energy and health/safety related codes; or equivalent combination of education and experience.

COMPUTER SKILLS: Moderate computer skills required for data entry, Word, Excel, and other software programs, as required for the position.

LANGUAGE SKILLS: Ability to read, analyze, and interpret general business periodicals, professional journals, technical procedures, or government regulations. Ability to write reports, business correspondence, and procedures manuals. Ability to respond to questions from groups of managers, clients, customers, and the general public. Bilingual English/Spanish preferred.

MATHEMATICAL SKILLS: Ability to calculate figures and amounts such as discounts, interest, commissions, proportions, percentages, area, circumference and volume. Ability to apply concepts of basic algebra and geometry.

REASONING ABILITY: Ability to solve practical problems and deal with a variety of concrete variables in situations where only a limited standardization exists. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.

CERTIFICATES, LICENSES, REGISTRATIONS: Access to transportation, possession of a California driver's license, minimum auto insurance required by law (must allow work-related driving).

PHYSICAL DEMANDS: The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. The employee must occasionally lift and/or move up to 50 pounds. Applicant's auditory and visual abilities must be at level that ensures safety in all course-related activities.

WORK ENVIRONMENT: The work environment characteristics described here are representative of those an employee encounters while performing the essentials functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. The noise level in the work environment is moderate.

A completed CVOC application packet as well as a resume must be received to be considered for employment with CVOC. See www.cvoc.org for application packet. *Employment application may also be obtained at a CVOC office. Include your email address on your resume.*

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