

# HVACR Technician - Student Worker

## Position Details

Class Code: 7039

Job Family: Student Worker - Skilled Trades/Technicians

Classification: Support Professional

Terms of Employment: Pay Grade N/A (Not on the Support Professional Salary Schedule)

FLSA STATUS: NON-EXEMPT

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## Position Summary

Under immediate supervision of Clark County School District (CCSD) employees, receives training on how to install, repair, overhaul, and maintain light commercial/residential heating, ventilation, air conditioning, and refrigeration (HVACR) equipment.

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## Essential Duties and Responsibilities

The list of Essential Duties and Responsibilities is not exhaustive and may be supplemented.

1. May assist in installing, repairing, and maintaining light commercial/residential HVACR systems, including split direct-expansion (DX), multi-zone, variable air volume (VAV), and their operating controls.
2. May assist in installing, repairing, and servicing natural and forced draft convection gas/electric heating equipment, space heaters, furnaces, heat exchangers, gas valves, blower motors, regulators, controls, and circular pumps.
3. May assist in installing, repairing, and servicing evaporative cooling equipment pumps, blowers, and associated controls.
4. May assist in safely handling and disposing of hazardous materials, including refrigerants and refrigerant oils.

5. May assist in servicing and repairing refrigerators/freezers (walk-/reach-in, countertop, under counter, residential, etc.), milk boxes, ice machines, and shake machines.
  6. May assist in operating on-site pneumatic electric and electronic HVACR equipment control systems.
  7. May assist with preventive maintenance on chillers, hydronic systems, electrical/electronic-controlled systems, variable frequency drives (VFDs), air handlers, pumps/pump alignments, and cooling tower fans.
  8. Responsible for area cleanup following job completion.
  9. Conforms to safety standards, as prescribed.
  10. Performs other tasks related to the position, as assigned.
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## **Distinguishing Characteristics**

Learns to install, maintain, and repair HVACR equipment operating at low/high voltages and pressures through on-the-job training/experience.

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## **Knowledge, Skills, and Abilities (Position Expectations)**

1. Ability to gain knowledge of HVACR trade practices and procedures.
2. Ability to gain knowledge of building construction.
3. Ability to gain knowledge of Environmental Protection Agency (EPA) Clean Air Act regulations.
4. Ability to gain knowledge of electrical codes and practices.
5. Ability to learn how to recognize, understand, interpret, and apply all local, state, federal, and national codes/regulations, including Uniform Building Code (UBC), Occupational Safety and Health Administration (OSHA), International Building Codes (IBC), Uniform Mechanical Code (UMC), Uniform Plumbing Code (UPC), National Fire Protection Association (NFPA), National Electrical Code (NEC), American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE), EPA, etc.
6. Ability to learn how to read and interpret blueprints, specifications, and plans.
7. Ability to learn how to apply operating procedures.
8. Ability to learn how to meet predetermined deadlines.
9. Ability to learn how to read and interpret written and verbal instructions.
10. Ability to learn how to plan and organize work.
11. Ability to learn how to safely move heavy objects.

12. Ability to learn how to perform strenuous, physical work.
  13. Ability to learn how to operate hand/power tools and equipment.
  14. Ability to learn how to distinguish color-coded wires.
  15. Ability to learn how to work flexible hours/shifts.
  16. Ability to learn how to work in confined areas.
  17. Ability to learn how to withstand heights and perform work safely.
  18. Ability to learn how to work cooperatively with employees, vendors, and the public.
  19. Ability to learn how to recognize and report hazards and apply safe work methods.
  20. Possess physical and mental stamina commensurate with the responsibilities of the position.
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## **Position Requirements**

### **Education, Training, and Experience**

1. Current CCSD student in grade 11 or 12.
2. Current grade point average (GPA) above 2.0.
3. School and Family Agreement Form from your school counselor.
4. Students must be able to provide their own transportation.

\* This temporary position is not on the Support Professional Salary Schedule.

\* Incumbents will be compensated the current Nevada hourly minimum wage rate.

\* There are no benefits attached to this position.

### **Licenses and Certifications**

Hold or be able to obtain OSHA 10 certification. If certification is not in possession at time of application, it must be obtained within five (5) months of hire into the position. Certification must be maintained for duration of assignment. Certification can be obtained online or in-person. A copy of the certification must be uploaded into the application.

### **Preferred Qualifications**

None specified.

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## **Document(s) Required at Time of Application**

1. Proof of CCSD grade 11 or 12 enrollment and GPA above 2.0.

2. Completed and signed School and Family Agreement Form, which must be uploaded into the application.
  3. Proof of OSHA 10 certification, if applicable.
  4. Specific documented evidence of training and experience to satisfy qualifications.
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## Examples of Assigned Work Areas

CCSD facilities – schools (classrooms, cafeterias, offices, boiler rooms, facility rooftops, etc.), construction sites, etc.

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## Work Environment

### Strength

Medium/heavy – exert force of 50-100 lbs., occasionally; 25-50 lbs., frequently; 10-25 lbs., constantly.

### Physical Demand

Frequent sitting, standing, walking, pushing, pulling, stooping, kneeling, crouching, reaching, handling, and repetitive fine motor activities. Hearing and speech to communicate in person, via video conference and computers, or over the telephone. Mobility to work in a typical office setting and use standard office equipment. Stamina to remain seated and maintain concentration for an extended period of time. Vision: Frequent near acuity, occasional far acuity, and color vision. Vision to read printed and online materials, Video Display Terminal (VDT) screens, or other monitoring devices.

### Environmental Conditions

Varies from climate-controlled office settings to work outdoors, with temperatures ranging from mild/moderate to extreme cold/heat. Exposure to noise intensity levels ranging from moderate to loud for occasional to frequent time periods.

### Hazards

Frequent electrical shock hazards, furniture, playground/office equipment, communicable diseases, chemicals and fumes (as related to specific assignment), and power/hand-operated equipment and machinery (as related to specific assignment).

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## Examples of Equipment/Supplies Used to Perform Tasks

Ladders, analog/digital temperature analyzers, eye/hearing protection, electronic refrigerant leak detectors, pressure/vacuum pumps, oxy-acetylene welding/cutting equipment, megohmmeters, analog/digital volt-ohm/amp meters, pneumatic calibration gauge kits, motorized forklifts, chain hoists, refrigerant reclamation equipment, handheld radios, hand/power tools, etc.

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### AA/EOE Statement

The Clark County School District is proud to be an equal opportunity employer. The Clark County School District is committed to providing all applicants and employees equal employment opportunities without regard to race, color, religion, sex, gender identity or expression, sexual orientation, national origin, genetics, disability, age, military status, or other characteristics protected by applicable law. Here at Clark County School District, we are a diverse group of people who honor the differences that drive innovative solutions to meet the needs of our students and employees. We believe that through a culture of inclusivity, we have the power to reflect the community we serve.

### Job Revision Information

- Revised: 01/25/24
- Created: 10/26/21