

# Electronics Technician II

## Position Details

Class Code: 7390

Job Family: Skilled Trades/Technicians

Classification: Support Professional

Terms of Employment: [Pay Grade 53 on the Support Professional Salary Schedule](#)

FLSA STATUS: NON-EXEMPT

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## Position Summary

Under general supervision, troubleshoots, repairs, and maintains electronic/microprocessor-based equipment to component level.

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## Essential Duties and Responsibilities

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

1. Troubleshoots, repairs, and maintains microprocessor-based equipment (televisions (TVs), camcorders, color video recorders, book theft detectors, microscopes, scoreboards, sound boards, lighting boards, metal detectors, laser equipment, computerized fuel systems, fax machines, driver training simulators, etc.) to component level.
2. Uses microprocessor-based and electronic test equipment to troubleshoot, repair, and maintain equipment.
3. Tests and inspects equipment for safety.
4. Tests and reports status of newly-installed equipment.
5. Aligns and adjusts control systems to manufacturer specifications.
6. Initiates requests for equipment and shop supplies, as required.
7. Evaluates and recommends electronic/microprocessor-based equipment to ensure compliance with specifications.
8. Communicates with Clark County School District (CCSD) staff, contractors, and vendors regarding equipment warranties.

9. Trains CCSD staff on proper operations/care of electronic and microprocessor-based equipment.
  10. Fabricates parts and tools for repairs.
  11. Responsible for the safe handling and disposal of hazardous materials.
  12. Conforms to safety standards, as prescribed.
  13. Performs other tasks related to the position, as assigned.
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## **Distinguishing Characteristics**

Involves troubleshooting, repairing, and maintaining electronic/microprocessor-based equipment to component level.

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

1. Knowledge of electronics trade practices and procedures regarding video equipment/microprocessor repairs.
  2. Ability to operate hand/power tools and test equipment.
  3. Ability to learn and apply procedures.
  4. Ability to meet predetermined deadlines.
  5. Ability to work independently without direct supervision.
  6. Ability to interpret written and verbal instructions.
  7. Ability to plan and organize work.
  8. Ability to distinguish color-coded wires.
  9. Ability to read schematics, blueprints, and wiring/logic diagrams.
  10. Ability to safely move heavy objects.
  11. Ability to provide in-service trainings on electronic equipment.
  12. Ability to judge when to act independently and when to refer situations to a supervisor.
  13. Ability to work flexible hours/shifts.
  14. Ability to work in confined areas.
  15. Ability to withstand heights and perform work safely.
  16. Ability to work cooperatively with employees, vendors, and the public.
  17. Ability to recognize and report hazards and apply safe work methods.
  18. Possess physical and mental stamina commensurate with the responsibilities of the position.
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# Position Requirements

## Education, Training, and Experience

1. High school graduation or other equivalent (General Educational Development (GED), foreign equivalency, etc.).
2. Four (4) years' electronics repair experience, including video equipment; or, Two (2) years' formal training (trade school/college coursework equivalent to an associate degree in electronics), and two (2) years' experience as described above.

## Licenses and Certifications

1. A valid driver's license that allows the applicant/employee to legally operate a motor vehicle in Nevada. License must be maintained for the duration of the assignment.
2. Current driving history (dated within six (6) months from the date printed) issued by the Department of Motor Vehicles (DMV) at the time of application or Qualified Selection Pool (QSP) placement and at the time of interview prior to final selection.
3. Safe driving record. Safe driving record must be maintained for the duration of the assignment.

## Preferred Qualifications

None specified.

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## Document(s) Required at Time of Application

1. High school transcripts or other equivalent (GED, foreign equivalency, etc.).
  2. College transcript(s) from an accredited trade school, college, or university, if applicable.
  3. Copy of a valid driver's license that allows the applicant/employee to legally operate a motor vehicle in Nevada.
  4. Copy of current driving history (dated within six (6) months from the date printed) issued by the DMV.
  5. Safe driving record.
  6. Specific documented evidence of training and experience to satisfy qualifications.
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## Examples of Assigned Work Areas

CCSD Facilities – Department offices, school buses, and other vehicles.

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## Work Environment

### Strength

Medium/heavy – exert force of 50-100 lbs., occasionally; 25-50 lbs., frequently; 10-20 lbs., constantly.

### Physical Demand

Frequent sitting, standing, walking, pushing, pulling, stooping, kneeling, climbing, crouching, reaching, handling, and repetitive fine motor activities. 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. Hearing and speech to communicate in person, via video conference and computers, or over the telephone. Vision: Frequent near/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 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

Volt/ohm meters, microwave leak detector, oscilloscopes, ladders, soldering station, electric drills, high-voltage probe amp meter, screwdrivers, nut drivers, pliers, wire cutters, logic probes, isolation transformers, frequency counters, audio signal generators, 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: 01/31/24
- Created: 08/20/91