

# Computer Electronics Technician

**Grade: 12**

Reports to:

Department:

Classification:

Division:

Date:

Approved:

## **JOB SUMMARY:**

To do bench troubleshooting working with oscilloscopes and multimeters. To assemble and test the electronics side of the inspection systems using programmable logic controllers.

## **ESSENTIAL FUNCTIONS:**

1. Tests, adjusts, and repairs central office equipment.
2. Performs periodic preventive maintenance on computer systems through the use of sophisticated test equipment.
3. Maintains the computer systems including software backups.
4. Assists computer operators when technical problems occur.
5. Checks for common causes of trouble, such as loose connections or obviously defective components.
6. Reviews manufacturers' specifications that show connections and provide instruction on how to locate problems.
7. Installs passwords and security precautions.

## **QUALIFICATIONS:**

1. One to two years of training at a vocational school or community college.
2. A minimum of three years of on-the-job experience.
3. Analytic ability to diagnose problems and ability to work independently to correct the difficulties.
4. Certification by the International Society of Certified Electronics Technicians (ISCET) or the Electronics Technicians Association (ETA) preferred but not required.
5. Valid driver's license required for off-site assignments.

## **PHYSICAL REQUIREMENTS:**

1. Ability to perceive differences in wire and cable colors to make certain tests.
2. Ability to differentiate between audible tones for certain tests.