



## City of Kansas City, Missouri Job Class Specification

<b>Job Title:</b>	SENIOR ELECTRONICS TECHNICIAN	<b>Department:</b>	MULTI
<b>Job Code:</b>	5221	<b>Status:</b>	NONEXEMPT
		<b>Grade:</b>	NE-7

### Summary

This is responsible technical and supervisory electronics work in the installation, maintenance and repair of traffic control and signal devices, public address systems, telecommunications systems or electronic equipment associated with the city's utilities or fire departments.

Work involves responsibility for supervision of and participation in activities related to the maintenance of electronic signaling, controlling, lighting and telecommunications equipment and devices. Assignments are received orally or in writing and are inspected in process and upon completion.

### Duties and Responsibilities

- Trains and supervises subordinate skilled and semi-skilled workers in the calibration and repairing of flow recording instruments, pressure recording instruments, telemetric circuits, supervisory equipment and other related equipment.
- Trains and supervises subordinates in the installation, maintenance and repair of fire communications devices and emergency lights and electronic equipment in fire stations, emergency vehicles and fire chiefs' vehicles.
- Trains and supervises subordinate repairers and electricians in the repair of signaling devices, traffic controllers and associated wiring; investigates and prepares preliminary estimates of damage to field installations.
- Trains and supervises subordinates in the installation, repair and modification of telecommunications devices, equipment and associated wiring.
- Plans, assigns and inspects the work of subordinate workers.
- Checks electronic equipment and devices for needed repairs and preventive maintenance; makes repairs and adjustments when necessary.
- Requisitions needed parts and materials; checks time sheets and keeps appropriate records.
- Trains, supervises and assists installation, repair and modification of cameras, security systems and low volting control
- Performs related duties as required.

<b>Technical Skills</b>	<p>Thorough knowledge of: The methods, materials, tools and equipment used in the repair of electronics equipment used in the operation of a water plant, fire emergency vehicles and stations, telecommunications and traffic signaling and controlling equipment. The principles of electrical theory as applied to electronic circuits.</p> <p>Considerable knowledge of: The occupational hazards and the proper safety precautions to be taken.</p> <p>Ability to: Teach subordinate personnel the fundamentals of electronic instrumentation. Detect and repair defects in electronic equipment. Understand and interpret electronic circuit diagrams. Keep necessary records and report accurately on work.</p>
<b>Education and Experience</b>	<p>High school graduation and five (5) years experience as an electronics technician. Or Associate's degree or its equivalent in electronics and three (3) year of related experience.</p>
<b>Certificates/ Licenses/Special Requirements</b>	<ul style="list-style-type: none"><li>▪ Must pass a physical examination as prescribed by the City.</li><li>▪ Must pass a background check as prescribed by the City.</li><li>▪ May be required to pass a preemployment drug screen.</li></ul>
<b>Supervisory Responsibility</b>	<p>Supervision exercised over assigned personnel.</p>
<b>Supervision Received</b>	<p>Work is performed under general supervision.</p> <p>Note: This job description should not be construed to imply that these requirements are the exclusive standards of the position. Incumbents will follow any other instructions, and perform any other related duties, as may be required. Reasonable accommodation will be provided to qualified individuals with disabilities. The City of Kansas City has the right to revise this job description at any time. The job description is not to be construed as a contract for employment.</p>
<b>Created</b>	9/06
<b>Revised</b>	05/10, 08/22