INTRODUCTION

Do you have experience in automotive electronics, vehicle upfitting or vehicle equipment installation? A unique opportunity exists where you can apply your specialized talents to a career with the City of Milwaukee working as an Emergency Vehicle Equipment Installer!

PURPOSE

The Emergency Vehicle Equipment Installer is responsible for the installation, troubleshooting and repair of emergency vehicle systems including mobile radios, mobile computers, mobile in-car video systems, license plate readers and other law enforcement vehicle equipment.

ESSENTIAL FUNCTIONS

- Respond to reports of equipment malfunctions; troubleshoot and repair or replace equipment to restore vehicles to operation.
- Install electronics into vehicles, including light bars, laptop mounts, DVRs, sirens, recording devices, remote start systems and microphones.
- Upfit vehicles with a variety of equipment, including prisoner transport seating, partitions, firearm mounts, equipment storage units, modified interior/exterior panels, and K-9 equipment.
- Install electrical wiring, connect electrical fittings, drill holes, and perform all physical tasks associated with modifying vehicles for the installation of electronic equipment.
- Design and construct cable assemblies and sub-assemblies that are vehicle specific and necessary for mobile vehicle installations.
- Develop wiring routes throughout the vehicle to provide for the most efficient wiring path and to enable future replacement and/or troubleshooting.
- Design and fabricate fixtures; modify existing equipment utilizing mig welder, plasma cutter, lathe and shear/brake.
- Maintain sufficient stock levels of installation hardware and related equipment.

Reasonable accommodations requested by qualified individuals with disabilities will be made in accordance with the Americans with Disabilities Act (ADA) of 1990, as amended by the Americans with Disabilities Act Amendments Act (ADAAA) of 2008.
CONDITIONS OF EMPLOYMENT

- Must pass a Milwaukee Police Department background investigation prior to hire.
- Subject to working weekends, holidays, varying shifts, odd hours and emergency call-ins.
- Ability to work on ladders and in confined spaces.
- Ability to lift objects weighing up to 60 lbs. without assistance.

MINIMUM REQUIREMENTS

1. Three years of full time experience performing installation of security, audiovisual, or other electronic equipment into vehicles requiring disassembly and reassembly of vehicle components.  

   OR

Associate’s Degree in electronic technology or related field from an accredited college or university PLUS one year of full time experience performing installation of security, audiovisual, or other electronic equipment into vehicles requiring disassembly and reassembly of vehicle components.

2. Valid driver’s license at time of appointment and throughout employment.

   Equivalent combinations of education and experience may be considered

IMPORTANT NOTE: To receive credit for college, transcripts are required and must be received by the application period closing date. College transcripts should be attached to your online application. Applications without transcripts attached will be considered incomplete and will be rejected. Your transcript must be legible and include the following information: the university or college name, your name, the degree completed (if applicable) and the date the degree was completed. Student copies are acceptable.

DESIRABLE QUALIFICATIONS

- Class B Commercial Driver’s License without air brake restriction.

KNOWLEDGES, SKILLS, ABILITIES & OTHER CHARACTERISTICS

- Knowledge and understanding of automotive electrical wiring and cabling.
- Knowledge and understanding of the specific colors and color codes associated with electrical wiring.
- Knowledge and understanding of technical equipment used in the diagnosis and resolution of electrical equipment failure.
- Knowledge and understanding of electronics communication theory.
- Knowledge of and commitment to customer service best practices.
- Skilled in mechanical assembly to create and modify mechanical parts.
- Oral communication skills to effectively respond to repair requests in person and to communicate technical information to a non-technical audience.
- Ability to interpret and analyze data related to equipment malfunction and failure.
- Ability to disassemble and reassemble vehicle interiors to access electrical wiring without damaging the vehicle or equipment.
- Ability to use all hand and power tools related to electrical equipment installation (i.e., mig welder, plasma cutter, lathe and shear/brake).
- Ability to use soldering equipment.
- Ability to read schematics, blueprints, wiring diagrams and other job-related documentation.
- Ability to utilize various computer software programs related to equipment inventory and work orders.
- Ability to maintain organization of tools and equipment.
- Ability to interact positively and professionally within a diverse work environment.

**CURRENT SALARY**

The current starting salary (PG 7EN) for City of Milwaukee residents is $41,225 annually, and the non-resident starting salary is $40,812. *Appointment above the minimum is possible based upon level of experience and other qualifications and is subject to approval.*

**SELECTION PROCESS**

THE SELECTION PROCESS will be job related and will consist of one or more of the following: education and experience evaluation; written, oral, or performance tests, or other assessment methods. The Department of Employee Relations reserves the right to call only the most qualified candidates to oral and performance examinations. Oral examinations may include written exercises. Selection process component weights will be determined by further analysis of the job.

**INITIAL FILING DATE -** The examination will be held as soon as practical after *July 7, 2017*. Receipt of applications may be discontinued at any time after this date without prior notice. However, recruitment may continue until the needs of the City have been met. Qualified applicants will be notified of the date, time, and place of the examination. Unless otherwise required by law, the City of Milwaukee will not provide alternative test administration. The applicant is responsible for attending all phases of the job selection process at the time and place designated by the City of Milwaukee.