

Market Range Detail - Electronic Technician Senior

Effective Date

May 14, 2012

Market Range Title Description

The purpose of this position is to provide predictive, preventative and corrective maintenance on advanced electronic systems throughout Maricopa County including Adult and Juvenile detention facilities, which includes lead responsibilities.

Repairs and maintains local area networks including wiring, fiber optics, hubs, routers and all associated devices. Repairs and maintains computerized programmable / addressable video / intercom systems. Repairs and maintains programmable logic controllers. Repairs and maintains large touch screen computer controlled egress / video / communication systems. Performs advanced hardware programming using laptop computers for various security and control systems and all associated devices. Maintains, troubleshoots and repairs biometric scanning technology, including but not limited to fingerprint and iris recognition systems and possess a comprehensive knowledge of all associated diagnostic equipment for testing and maintenance purposes. Maintains and repairs: leak detection systems, video surveillance systems such as pan-tilt-zoom and adjustable focus cameras, video conferencing and video visitation equipment, emergency All-Call network technology, medical call systems, etc. Repairs and maintains digital video recorders and touch screen monitoring systems including all controlled devices for elevators, doors, lighting, water controls and cable televisions. Repairs and maintains audio systems, cable systems, building communication systems, card access systems, door controls, building security alarms, audio/video security systems (CCTV), microwave perimeter alarms and personal protective systems. Must repair and maintain fiber optic cabling including the operation of signal strength diagnostic and splicing repair equipment. Troubleshoot, repair and maintain all related signal transmission components such as but not limited to cabling, fiber optics, micro switches, wireless technology and associated wiring. Repair and maintenance of electronic controls for numerous rolling gates, doors, and large swing hinge doors. Diagnose defective CPU's and various interface devices. Operates barcode reader for time management and inputs parts from inventory into Maximo. Operates computer to check status of work orders and service calls associated with electronics jobs. Assess and make recommendations for obsolete electronic equipment/systems. Maintain all test equipment. Fabricate electronic devices for special installations. Acts in a lead or supervisory capacity in the absence of the supervisor.

Market Range

Minimum Hourly Rate	Midpoint / Hiring Maximum	Maximum Hourly Rate
\$22.62	\$27.33	\$32.03

Likely Minimum Qualifications

- Other combinations of education and experience may be considered in substitution for the minimum qualifications
- High School Diploma or GED.
- Four (4) years of journey-level experience in the area of electronic repair and/or preventative maintenance.

Glossary:

Market Range Title: Broad grouping of related positions with like job responsibilities and qualifications. Market Range Titles typically include positions ranging from entry level to senior/lead level unless indicated otherwise.

Effective date: The date the salary range was implemented for use.

Market Range Title Description: Broad description of sample job duties and responsibilities of positions included in the Market Range Title. Each position included in a Market Range Title also has a job description that is specific to the department. Departments are responsible for writing and maintaining job descriptions for positions in their department. Employee Compensation is responsible for writing and maintaining Market Range Title Descriptions.

Likely Minimum Qualifications: Typical minimum qualifications for positions assigned to the Market Range Title. Because a broad group of jobs in different departments are included in a Market Range Title, minimum and preferred qualifications may vary slightly depending on the area of assignment.

Market Range: The minimum, midpoint, and maximum salary points for all positions included in the Market Range Title.

Hiring Range: The hiring range for all positions is ordinarily the minimum of the market range to the midpoint. The use of a different hiring range must be approved by Employee Compensation. Departments should use a hiring range that is within their funding capabilities and are required to comply with the County's Funded Position Policy ensuring that applicants are extended a rate that is supported by the department's budget.

Working Title: The specific title used by a department to identify a position within their organizational structure. Use of working titles is flexible and aimed to assist departments in identifying the unique functions and responsibilities of each position and is representative of the assigned Market Range Title. Ordinarily, supervisory and/or managerial titles should not be used for positions not assigned to a supervisory and/or manager Market Range Title.