

**General Maintenance Technician  
Tuscaloosa County Commission  
Maintenance and Facilities**

**POSITION SUMMARY:**

This is skilled electrical and maintenance work of journeyman level. Work involves responsibility for performing skilled electrical tasks on electrical systems and related equipment as well as skilled and technical work on electronic equipment and devices. The field includes but not limited to surveillance camera equipment, computer-related category wiring and installation, electronic door controller systems, branch circuits, 110V/277V lighting circuits, and other related electrical systems and circuits. Assignments are received orally, electronically, and/or in writing and may be accompanied by penciled sketches or electronic plans. Employees proceed independently in carrying the work through to completion although a maintenance supervisor may check work while in process and completed jobs are tested for operation.

**JOB DUTIES AND RESPONSIBILITIES:** (All duties listed may not be found in each position, nor does this list include all tasks which may be assigned to positions in this class).

- Install, troubleshoot, repair hardware, and assist in running category wiring for surveillance cameras.
- Assist in installing network computer wiring, hardware, and equipment.
- Basic Installation, troubleshooting, upgrading, and repairing electrical wiring circuits, lighting, power appliances, light machinery, overhead circuits, and underground circuits.
- Install and make electrical circuit repairs on specialized equipment such as refrigeration units, water heaters, dish washers, electric motors, hot plates, fans, ovens, dishwashers, and other similar equipment.
- May be asked to work in trade areas such as HVAC, plumbing, etc. Individuals will be crossed trained in such areas.
- Basic computer skills.
- Work an on-call schedule.
- Potential to earn overtime.
- Performs related work as required.

**REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES**

- Considerable knowledge of the principles and practices applied in the installation, maintenance, and repair of building lighting systems, standard electrical appliances, and other moderately complex electrical mechanical equipment.
- Considerable knowledge of the principles and practices applied in the safe and efficient use of tools, materials, and equipment employed in the electrical trade.

- Maintain parts and tool inventory.
- Considerable knowledge of state and national electrical codes.
- Skill in the detection, diagnosing, troubleshooting, and repairing of defective electrical circuits.
- Ability to read and troubleshoot electrical control circuits using wiring diagrams.
- Ability to work from penciled sketches, building blueprints, and architectural drawings.
- Ability to understand and follow oral and written instructions.
- Demonstrate effective communication skills.
- Self-motivated and trainable.

#### **REQUIRED QUALIFICATIONS**

- Current Driver's License
- High school diploma, General Education Diploma (GED), or higher.

#### **AND**

- Associate degree or Certificate from an accredited post-secondary college, or completion of an apprenticeship in the trade.
- Considerable experience working under a journeyman class carpenter.

#### **OR**

- Knowledge and experience in the carpentry area with 5 + years training in the field of carpentry.
- United States Military electrical/electronic certification of 4 + years of documented electrical/electronic training and experience.

#### **PREFERRED QUALIFICATIONS**

- Master's license
- Journeyman certification

#### **PHYSICAL DEMANDS & WORK ENVIRONMENT:**

##### **PHYSICAL DEMANDS**

- Work is essentially sedentary with occasional walking, standing, bending, and carrying.

##### **WORK ENVIRONMENT**

- Work is normally performed in an office environment.

#### **CONDITIONS OF JOB OFFER AND EMPLOYMENT:**

- Possess and maintain a valid Driver's License
- Complete Background Check (repeated periodically during employment) including, but not limited to:
  - Social Security Record Inquiry
  - Criminal History Inquiry
  - Sex Offender Database Inquiry
  - Motor Vehicle Report/Driver's License/Driving Record Inquiry
  - Past Employment Verification
  - Education Verification
  - Subject to Criminal Justice Information Systems (CJIS) background standards.  
Candidates who receive a conditional offer of employment must be fingerprinted and will have their fingerprints used to check the Criminal History Records of the State of Alabama Public Safety and the Federal Bureau of Investigation. Any records returned will be reviewed to determine the candidate's suitability for the job.
- Pre-employment drug test at county designated test location
- E-Verify Eligibility to Work in United States
- Six Month Probationary Period
- Work a minimum of 40 hours per week and beyond normal work shift or schedule