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## Auburn University Job Description

Job Title: **Electrician I**

Job Family: No Family

Job Code: **ND07**

Grade ST11 \$35,500 - \$53,300

FLSA status: Non-Exempt

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### Job Summary

Under close supervision, provides basic level skills and expertise regarding a wide array of building electrical systems and their associated components to accomplish routine maintenance, repair, and installation tasks.

### Essential Functions

1. Performs routine repairs on electrical system components. Tests and checks electrical circuits, equipment, and appliances using appropriate testing instruments. Replaces faulty switches, sockets, wiring, and other common 120V electrical systems components such as lighting fixtures, tubes, ballasts, receptacles, switches, circuit breakers, and occupancy sensor relays.
2. Performs the installation of basic electrical system components, to include switches, outlets, lights, fans, appliances, circuit breakers, and associated wiring.
3. Assists in the execution of larger and more complex repair and installation projects involving service panels, feeders, branch circuits and specialized electrical systems such as lighting controls, generators, emergency and standby power systems, fire alarms, and motor controls.
4. Ensures all work is performed in accordance with the National Electric Code.
5. May be responsible for meeting and maintaining training and certification requirements as outlined by the Auburn University Facilities Management Policy: "Training, Education, and Certification Requirements for Mechanical and Electrical Trades Personnel".
6. May be required to serve in an on-call status and remain work-ready when scheduled for an on-call period or rotation. Work-ready status requires an employee to return to the worksite within forty-five minutes while being physically and mentally unimpaired and fit for duty, able to safely perform all essential job functions with no risk to self, coworkers, students, public, or property.

### Supervisory Responsibility

May be responsible for training, assisting or assigning tasks to others. May provide input to performance reviews of other employees.

*The above essential functions are representative of major duties of positions in this job classification. Specific duties and responsibilities may vary based upon departmental needs. Other duties may be assigned similar to the above consistent with the knowledge, skills and abilities required for the job. Not all of the duties may be assigned to a position.*

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### Minimum Required Education and Experience

	<u>Minimum</u>	<u>Focus of Education/Experience</u>
<b>Education</b>	High School	High School diploma required. Associate's degree or vocational training in Electrical Technology, Electrical Construction, Digital Electronics, or related field preferred.
<b>Experience (yrs.)</b>	2	Experience in installation, maintenance, repair, and operation of a wide array of common electrical system components.

#### **Substitutions allowed for Education:**

Indicated education is required; no substitutions allowed.

#### **Substitutions allowed for Experience:**

Indicated experience is required; no substitutions allowed.

#### **Minimum Required Knowledge**

Knowledge of National Electric Code.

Knowledge regarding the installation, maintenance, repair, and proper operation of a wide array of common electrical system components.

Knowledge regarding basic troubleshooting, assessment, and diagnostic techniques for routine and non-routine building electric systems problems.

#### **Skills:**

Ability to install/maintain switches, sockets, wiring, and other common 120V electrical systems components such as lighting fixtures, tubes, ballasts, receptacles, switches, circuit breakers, occupancy sensor relays.

Ability to bend and install 1/2" - 1" conduit in walls, underground, and on hanging trapeze.

Ability to pull, install, and terminate branch circuit wiring.

Complete understanding of basic electrical components, and basic electrical tools.

Ability to use electrical test equipment.

Basic understanding of electrical plans and specifications.

#### **Certification or Licensure Requirements**

Valid Driver's License.

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### Physical Requirements/ADA

Frequent heavy or intense physical requirements, combined with exposure to a number of disagreeable elements, such as heat, cold, noise, dust, dirt, chemicals. Injury may require professional

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## **Auburn University Job Description**

treatment or hospitalization. Constant precautions required.

Routine deadlines; usually sufficient lead time; variance in work volume seasonal and predictable; priorities can be anticipated; some interruptions are present; involves occasional exposure to demands and pressures from persons other than immediate supervisor.

Job frequently requires standing, walking, reaching, climbing or balancing, stooping/kneeling/crouching/crawling, hearing, handling objects with hands, and lifting up to 50 pounds.

Job occasionally requires sitting, talking, and lifting up to 100 pounds.

Vision requirements: Ability to see information in print and/or electronically.

Date: 7/2/2018

