

**BOARD OF REGENTS
STATE OF IOWA
REGENT MERIT SYSTEM**

Class Title: Electrician I Trainee

Class Code: 5074

Standard Training Program: 4 years

Trainee Grade: 210

GENERAL CLASS DESCRIPTION:

Under direct supervision, receives work experience and related training instruction to develop the knowledge and skill necessary to perform at the journey level upon completion of the training program to install and repair electrical systems and equipment. Participates in training that is required to progress to eligibility for the Electrician I classification.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES:

1. Learns how to install, maintain, troubleshoot, repair and replace electrical systems and electrical operated equipment (generally less than 600V), including but not limited to circuit breakers, relays, switches, wiring, conduit, receptacles, and magnetic starters and controls.
2. Learns how to install, maintain, troubleshoot, repair and replace electrical equipment, including but not limited to electric motors, transformers, generators, lights, fixtures, bulbs, tubes, motor control systems and meters.
3. Learns how to estimate materials needed and record time and materials expended on each work order; and perform preventive maintenance on electrical equipment and systems.
4. Learns how to draw layouts, reads and interprets blueprints, schematics and other drawings.

KNOWLEDGE, SKILLS AND ABILITIES:

1. Ability to follow oral and written instructions.
2. Ability to communicate effectively with staff, students, and the public.
3. Ability to learn all other knowledge, skills, and abilities listed in the Electrician I class description.

The tasks listed under the heading of Characteristic Duties and Responsibilities are examples of the variety and general nature of duties performed by employees in positions allocated in the class. The list is descriptive only and should be used for no other purpose. It is not intended that any position include every duty listed nor is it intended that related duties cannot be required.

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MINIMUM ELIGIBILITY REQUIREMENTS:

Ability to read, write and follow instructions.

Upon completion of the training program, must be able to meet the minimum eligibility requirements for the Electrician I classification as follows:

1. Requires State of Iowa Class A or B Journeyman Electrician license.
2. Must possess a valid driver's license and meet University's Fleet Safety Program.

EFFECTIVE: April 1, 2019

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