

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

**Class Title: Environmental Systems
Mechanic I Trainee**

Class Code: 5092

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, repair, alter, replace and maintain components of refrigeration, air conditioning and heating (all fuel types) equipment. Participates in training that is required to progress to eligibility for the Environmental Systems Mechanic I classification.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES:

1. Learns how to install and maintain air-moving, heating, cooling, humidification and filtering equipment and systems such as fans, heat pumps, gas unit heaters, forced air equipment, furnaces, radiant heating, condensers, compressors, pumps, fan coil units, rooftop package air conditioning units, computer room cooling units, etc.
2. Learns how to install and maintain various styles and types of refrigeration equipment and systems, and equipment related to heating and cooling such as air compressors, air dryers and associated non-automated controls.
3. Learns how to test and evaluate performance of air-moving, heating, cooling, humidification and filtering equipment.
4. Learns how to read and interpret blueprints, schematics and other drawings, diagrams and specifications.

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 Environmental Systems Mechanic 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 Environmental Systems Mechanic I classification as follows:

1. Four years of experience in refrigeration, heating or air conditioning work, including apprenticeship; and
2. Has refrigeration certificate of at least type 2.
3. Must possess a valid driver's license and meet University's Fleet Safety Program.

REVISION EFFECTIVE: April 13, 2018

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