

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

Class Title: Research Technician, Senior

Class Code: 4511

Pay Grade: 415

GENERAL CLASS DESCRIPTION:

Under general supervision, performs advanced technical work supportive of research personnel and which involve the application of basic scientific knowledge in metallurgy, physics, and related technical areas. Provides functional supervision to other laboratory personnel and provides technical assistance to graduate assistants as requested.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES:

1. Performs all the duties listed under Research Technician.
2. Under general direction from researchers, performs experiments and independently records data from complex laboratory equipment and examines data with reference to the criteria standards, and/or requirements of a particular experiment or process.
3. Constructs, repairs, modifies, installs, maintains, and may design laboratory equipment and apparatus.
4. Serves as a source of technical information and gives such information or provides ideas to define, clarify, enlarge upon, or sharpen procedures and capabilities of specialized research equipment or processes, such as vacuum systems, low temperature apparatus, or sample preparation.
5. May direct the work of other laboratory technicians and provide technical assistance to graduate assistants.
6. May be responsible for safety education in assigned work area.

MINIMUM ELIGIBILITY REQUIREMENTS:

1. Five years of laboratory experience including two years of Research Technician I or equivalent level of experience, or
2. Graduation from a two year mechanical trade school and two years of related laboratory experience, or

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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3. Any combination of training and experience from which comparable knowledge and ability can be acquired.

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REVISION EFFECTIVE: May 10, 1974