

## SCIENCE TECHNICIAN IV

### NATURE OF WORK

This is supervisory and technical work in directing and performing a variety of laboratory work.

Work involves supervising science technicians in lower classifications in the performance of tasks in several science laboratories. Work also may include the calibration and operation of a variety of laboratory equipment. Work assignments are received orally or in writing from a head of a department and are performed with technical independence. Work is reviewed through conference and by observation of results obtained.

### ILLUSTRATIVE EXAMPLES OF WORK

Supervises science technicians involved in the performance of tasks related to the efficient operation of several laboratories.

Ensures the efficient operation of laboratories by consulting with faculty about their needs; ensures laboratories are properly prepared; assigns science technicians to laboratories; assists in the preparation of the budget.

Responsible for the technical operation of the seismograph station; maintains electronic equipment and geophysics research instruments; perform specific research experiments.

Receives and labels geological specimens; determines process for sectioning and polishing sections; assigns and reviews work on completed polished sections; assists students and faculty in geology laboratory workshop.

Approves the purchase of supplies and materials needs in the laboratories; maintains a variety of records.

Calibrates and operates a variety of laboratory equipment.

Performs related work as required.

### REQUIREMENTS OF WORK

Considerable experience in laboratory work, including supervisory experience; graduation from high school, supplemented by the successful completion of courses in the sciences or electronics at an institute of technology or trades school; or any equivalent combination of experience and training which provides the following knowledge, abilities, and skills:

Considerable knowledge of the methods, materials, and techniques used in laboratory work.

Considerable knowledge of the operation and maintenance of laboratories.

Knowledge of the principles of the natural sciences.

Ability to plan, organize, assign, and supervise the work of subordinates.

Ability to establish and maintain appropriate records and to make written or oral reports.

Ability to understand and follow complex oral and written instructions.

Ability to establish and maintain effective working relationships with faculty, subordinates, and administrators.

**3208**

**1993.03.01**

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