

ENGINEERING TECHNICIAN III*
or
RESEARCH TECHNICIAN III

Function of Job:

Under limited supervision from an engineer, technical research staff member or other designated supervisor, perform with some skill, moderately complex technical operations requiring some familiarity with the engineering/research methods/practices or the technology of the department to be served, gather data, and perform data processing and analysis.

Characteristic Duties and Responsibilities:

1. Assist or carry out sequence of technical operations requiring a familiarity with the engineering methods or the technology of the department to be served.
2. Test and calibrate a variety of instruments.
3. Select and set up test equipment.
4. Select, apply and process data from a variety of sources.
5. Construct, assemble, install, adjust, modify and repair moderately complex specialized or prototype mechanical and/or electrical laboratory equipment, apparatus and related devices.
6. Collect/prepare specimens and samples for testing.
7. Perform moderately complex standard mechanical/material tests according to prescribed specifications/guidelines.
8. Plot and gather information from field notes and other sources.
9. Perform a variety of computations/analyses of technical data for interpretive use.
10. Maintain field test stations and equipment and assist in resolving related operations/logistical problems as required.
11. Assist in data collections and reduction activities.
12. Set up/operate surveying equipment, hand/power tools and precision engineering instruments.
13. Perform mechanical layout work.
14. Supervise staff and/or students as assigned.
15. Perform related duties, as assigned.

Minimum Acceptable Qualifications:

1. Bachelor's degree in an engineering or scientific field related to the technical work performed;
2. Computer skills as required by department.
3. Ability to use calculators and/or other equipment, as specified by hiring department.
4. Working knowledge of data processing equipment and techniques.
5. Sufficient manual dexterity to perform duties of position.
6. Must be able to wear and use personal protective equipment, as necessary.
7. If warranted by specific job duties assigned to position, must pass drug and alcohol screening tests as mandated by Department of Transportation agency regulations.

Additional Desirable Qualifications:

1. Working knowledge of engineering or technical methods/procedures of hiring department.
2. Skill in crafts such as woodworking, welding, pipefitting and/or electrical work.
3. Research experience.

1/26/06

System Approval

1/26/06

Effective Date

This document is a generic classification specification of the University System of New Hampshire. Its purpose is to describe the representative responsibilities and general level of complexity, and it is not a substitute for the specific job description of the individual position.

* Revised – Original approved 11/16/76 as Engineering/Research Technician III and revised 9/26/79, 7/30/80, 1/23//86, 3/24/94 and 12/06/04 as Engineering Technician III or Research Technician III.