My NASA Data - STEM Career Connections

TECHNOLOGY: Engineering Technician
Work Description

An engineering technician is primarily skilled in a specific branch of engineering and often assists engineers and technologists in research and development of projects or in the post-development operation or implementation stages.

Typical job responsibilities may include (but are not limited to) the following tasks:

- Conducts research tests and experiments based on customer requirements or specifications in accordance with safety policies and rules and by established deadlines.
- Reports changes in negotiated test/experiment requirements or schedule in advance of test to the Lab Manager or Supervisor.
- Demonstrates technical knowledge and understanding of facilities research capabilities, deciding on equipment, hardware, or instrumentation needs and other resources required for tests or experiments.
- Provides technical design modifications for enhancements to test hardware and facility systems in accordance with NASA and Occupational Safety and Health Administration (OSHA) safety rules, regulations, policies and procedures.
- Performs work in keeping with safety and occupational health standards, rules, regulations, policies and procedures. Keeps a clean and safe work environment.

Why is this job Important?
Engineering technicians work with larger teams of professionals to solve technical problems. They may be involved with building and testing equipment, conducting experiments, creating new models, and increase efficiency in products or systems.

Salaries Range

Salary Range

$50,000 - $75,000

NASA Connections

Job Title NASA Examples:

- Mechanical Engineering Technician
- Electrical Engineering Technician
- Aerospace Engineering Technician
- Spacecraft Technician

NASA Career Links:

- NASA Careers Link
- NASA Internships & Fellowships Pathways Link
- NASA Student Volunteer Program Link
- Working for NASA Link

Related Fields

Related Fields

- Civil Engineering Technician
- Electrical Technician
- Engineering Tech
- Senior Engineering Technician
- Electronics Technician