OVERVIEW
Serves as a technical advisor responsible for a broad program involving development, budgeting, scheduling, project management, and installation of systems. Performs in a supervisor's role for engineers involved in the development, testing, integration, and sustainment of specialized and diverse software, electronic, and/or mechanical equipment and systems.

Roles and Responsibilities
Determines test objectives, instrumentation, and data requirements; writes test planning documents; schedules program activities; tracks funding and expenditures; plans and conducts test missions; analyzes resultant data; and documents results in test reports, statistical evaluations, and briefing presentations.
Directs interface with internal and external customers at all levels from quotation to final design; acts as liaison for test activities, design reviews, and technical working group meetings to comply with requirements and specifications.
Generates complete design specifications for more complex projects.
Coordinates and works closely with other engineering, logistics, financial, and program management disciplines to define system specifications and requirements.
Verifies and complies with engineering documentation standards and test procedures.

Education and Qualifications
The incumbent must have a Bachelor of Science in Engineering from an ABET-accredited academic institution and 8 years of related engineering experience, or have an accredited Master of Science in Engineering with at least 6 years of related engineering experience, or have an accredited doctoral degree in Engineering with at least 4 years of related engineering experience.
The incumbent must have comprehensive knowledge of concepts, principles, and practices of engineering to provide consultative services on development programs and in the design and development of systems and components. The position requires knowledge and skill sufficient to apply the latest developments in engineering to solve complex problems in the specialty area.
The incumbent must have excellent communication and analytical skills and must possess
effective planning/organizing skills. The incumbent must have a working knowledge of computer systems and computer-based engineering tools. The incumbent must possess well-developed leadership skills and have the ability to investigate, troubleshoot, and design solutions to problems from a broad perspective. Incumbent will be required to qualify for and maintain a government security clearance and must have a valid, current state driver's license.

How to Apply