

Career Opportunities

Position(s) Recruiting for:

Interdisciplinary Engineer, NH04, 0801 General Engineer; 1301 Physical Scientist;
1515 Operations Research Analyst



This is a notice for a position being filled under Direct Hiring Authority (DHA) for Domestic Defense Industrial Base Facilities and Major Range and Test Facilities Base, NDAA 1125 (a) and (c).

Please read this notice in its entirety prior to submitting your application for consideration.

Agency/Location: U.S. Army Test and Evaluation Command, Aberdeen Test Center, Command Strategic Initiatives Group, Aberdeen Proving Ground, MD

Opening and Closing dates: 1 July 2020 – 10 July 2020

Salary: \$121,316 to \$170,800 / Per Year

ATC is participating in an alternative personnel system known as the Acquisition Workforce Demonstration Project. Among other features, the Demonstration Project replaced GS grade levels with occupational families and pay bands. The pay band NH-04 is equal to the former GS-14 step 01 through GS-15 step 10. ATEC uses salary control points within the salary range to allow for differentiation in the level of positions within the same broadband. Therefore, the salary for this position will be set no higher than \$158,619.

Appointment Type: Permanent

Work Schedule: Full-time

Supervisory Status: No

The mission of ATC is to provide test and test support services for authorized customers, within DoD and outside DoD, including government and non-government organizations, domestic and foreign. Provide comprehensive test and training both real and simulated; provide expert knowledge and technical services including instrumentation application, facility operations, manufacturing and fabrication; exploit emerging technologies; and develop leading edge instrumentation and test methodologies.

Duties: Serves as the Strategic Initiatives Group lead and as a senior technical authority on test and evaluation (T&E) operations, core competencies, and organizational make-up in the commodity areas of: Automotive, Ballistics, Survivability, and Solider Systems. Develops and oversees Command wide strategic programs and plans of action that support the test center's role and mission under DoD/DA directives and initiatives. Develops, defends, and facilitates strategic engineering/scientific projects that further the state of the art for test data collection, reduction and analysis. Reviews, analyzes, and assesses organizational effectiveness in relation to strategic objectives, budgetary limitations, schedules, and Command priorities; and advises Command leadership on the impact of current and future technology, environmental change, reduced resources and changing missions.

Specialized Experience: Your resume must describe at least one year of experience which prepared you to do the work in this job. Specialized experience is defined as: (1) Knowledge of test and evaluation operations and procedures ;(2)Ability to lead, manage, coordinate, and direct multiple team projects; and provide technical oversight and direction ;(3)Knowledge of quality assurance principles, auditing techniques, statistical methods, and trending analysis used in the planning and accomplishment of a variety of difficult and complex work assignments.

Travel Required: 20% or less

Promotion Potential: 04

Conditions of Employment:

- 1. Position requires incumbent meet Defense Acquisition Work Improvement Act (DAWIA) requirements applicable to assigned duties; to include continuous technical and leadership training.
- 2. Position requires incumbent be Level III certified in the acquisition career field of Test and Evaluation at time of appointment; possess a waiver; or, be able to obtain certification within 24 months of entrance on duty.
- 3. Position requires incumbent be an Acquisition Corps member at time of appointment; possess a waiver; or, be able to obtain membership within 24 months of entrance on duty.
- 4. Position requires incumbent occasionally travel away from the normal duty station for business purposes (up to 20% of the time).
- 5. Position requires incumbent be able to obtain and maintain a determination of eligibility for a Secret security clearance, or access, for duration of employment.
- 6. Two year probationary period may be required.

Other: This notice is to gather applications that may or may not result in a referral or selection. Selection is subject to restrictions resulting from Department of Defense referral system for displaced employees, Priority Placement Program (PPP). Moving expenses are not authorized. Male applicants born after December 31, 1959, must complete a Pre-Employment Certification Statement for Selective Service Registration. This is a Career Program (CP) 16 position.

Qualifications: In order to qualify, you must meet the education and experience requirements described below.

Basic Educational Requirement- General Engineer 0801 General Engineering; 0830 Mechanical Engineering;

Degree: professional engineering. To be acceptable, the curriculum must: (1) be in a school of engineering with at least one curriculum accredited by the Accreditation Board for Engineering and Technology (ABET) as a professional engineering curriculum; or (2) include differential and integral calculus and courses (more advanced than first-year physics and chemistry) in five of the following seven areas of engineering science or physics: (a) statics, dynamics; (b) strength of materials (stress-strain relationships); (c) fluid mechanics, hydraulics; (d) thermodynamics; (e) electrical fields and circuits; (f) nature and properties of materials (relating particle and aggregate structure to properties); and (g) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics.

OR

Combination of education and experience -- college-level education, training, and/or technical experience that furnished (1) a thorough knowledge of the physical and

mathematical sciences underlying professional engineering, and (2) a good understanding, both theoretical and practical, of the engineering sciences and techniques and their applications to one of the branches of engineering. The adequacy of such background must be demonstrated by one of the following:

Professional registration -- Current registration as a professional engineer by any State, the District of Columbia, Guam, or Puerto Rico. Absent other means of qualifying under this standard, those applicants who achieved such registration by means other than written test (e.g., State grandfather or eminence provisions) are eligible only for positions that are within or closely related to the specialty field of their registration. For example, an applicant who attains registration through a State Board's eminence provision as a manufacturing engineer typically would be rated eligible only for manufacturing engineering positions.

Written Test-- Evidence of having successfully passed the Engineer-in-Training (EIT) examination, or the written test required for professional registration, which is administered by the Boards of Engineering Examiners in the various States, the District of Columbia, Guam, and Puerto Rico. Applicants who have passed the EIT examination and have completed all the requirements for either (a) a bachelor's degree in engineering technology (BET) from an accredited college or university that included 60 semester hours of courses in the physical, mathematical, and engineering sciences, or (b) a BET from a program accredited by the Accreditation Board for Engineering and Technology (ABET) may be rated eligible for certain engineering positions at GS-5. Eligibility is limited to positions that are within or closely related to the specialty field of the engineering technology program. Applicants for positions that involve highly technical research, development, or similar functions requiring an advanced level of competence in basic science must meet the basic requirements in paragraph A. Because of the diversity in kind and quality of BET programs, graduates of other BET programs are required to complete at least 1 year of additional education or highly technical work experience of such nature as to provide reasonable assurance of the possession of the knowledge, skills, and abilities required for professional engineering competence. The adequacy of this background must be demonstrated by passing the EIT examination.

Specified academic courses -- Successful completion of at least 60 semester hours of courses in the physical, mathematical, and engineering sciences and in engineering that included the courses specified in the basic requirements. The courses must be fully acceptable toward meeting the requirements of a professional engineering curriculum as described in paragraph A.

Related curriculum -- Successful completion of a curriculum leading to a bachelor's degree in engineering technology or in an appropriate professional field, e.g., physics, chemistry, architecture, computer science, mathematics, hydrology, or geology, may be accepted in lieu of a degree in engineering, provided the applicant has had at least 1 year of professional engineering experience acquired under professional engineering

supervision and guidance. Ordinarily there should be either an established plan of intensive training to develop professional engineering competence, or several years of prior professional engineering-type experience, e.g., in interdisciplinary positions. (The above examples of related curricula are not all-inclusive.)

Basic Requirements – Physical Science 1301

Degree: physical science, engineering, or mathematics that included 24 semester hours in physical science and/or related engineering science such as mechanics, dynamics, properties of materials, and electronics.

OR

Combination of education and experience -- education equivalent to one of the majors shown in A above that included at least 24 semester hours in physical science and/or related engineering science, plus appropriate experience or additional education.

Basic Requirements – Operations Research Series, 1515

Degree: in operations research; or at least 24 semester hours in a combination of operations research, mathematics, probability, statistics, mathematical logic, science, or subject-matter courses requiring substantial competence in college-level mathematics or statistics. At least 3 of the 24 semester hours must have been in calculus.

OR

Combination of education and experience: Courses equivalent to a major field of study as shown in paragraph A above, plus additional education or appropriate experience.

Specialized Experience: To qualify, your resume must describe at least one year of experience which prepared you to do the work in this job. Specialized experience is defined as: (1) Knowledge of test and evaluation operations and procedures ; (2) Ability to lead, manage, coordinate, and direct multiple team projects; and provide technical oversight and direction ; (3) Knowledge of quality assurance principles, auditing techniques, statistical methods, and trending analysis used in the planning and accomplishment of a variety of difficult and complex work assignments.

You will be evaluated based on your level of competency in the following areas:

Test and Evaluation
Processes Project
Management Problem
Solving

This definition of specialized experience is typical of work performed at the NH-03/GS 13. How to Apply: Email your resume and transcripts to usarmy.apg.atec.mbx.apgr-atc-direct-hire@mail.mil no later than 11:59pm on 10 July 2020. In the subject of your e-mail state NH04 SIG Interdisciplinary. Resumes and transcripts received after this date will not be considered. ATC Website <https://www.atec.army.mil/atc/index.html>