General Engineer

DEPARTMENT OF THE ARMY
Field Operating Offices of the Office of the Secretary of the Army

About the Position: This position is part of the Army Fellows Program and is a CIVILIAN position with the Department of the Army.

This position is being filled under the Direct Hire Authority for Post-Secondary Students and Recent Graduates.

Learn more about this agency

Overview

Accepting applications

Open & closing dates
⏰ 03/31/2022 to 04/14/2022

Salary
$50,643 - $65,831 per year

Pay scale & grade
GS 7

Location
1 vacancy in the following location:

📍 Winchester, VA

**Telework eligible**
Yes—as determined by the agency policy.

**Travel Required**
25% or less - Up to 25% business travel required.

**Relocation expenses reimbursed**
Yes—Payment of moving expenses is authorized subject to the provisions of the Joint Travel Regulations.

**Appointment type**
Permanent

**Work schedule**
Full-time

**Service**
Competitive

**Promotion potential**
11

**Job family (Series)**
0801 General Engineering

**Supervisory status**
No

**Security clearance**
Secret

**Drug test**
No

**Position sensitivity and risk**
Noncritical-Sensitive (NCS)/Moderate Risk

**Trust determination process**
National security

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**Announcement number**

https://www.usajobs.gov/job/645245500
NCAT226014821686HW

Control number
645245500

THIS JOB IS OPEN TO

The public
U.S. Citizens, Nationals or those who owe allegiance to the U.S.

Duties

• Assist in the design and development of engineered devices, equipment or systems using established criteria or specifications.

• Assist in the inspection and evaluation of engineered devices, equipment or systems using established criteria.

• Identify engineering problems and recommend corrective action.

• Review technical engineering project design documents, computations, and submittals.

• Prepare technical engineering reports and studies with completeness, technical adequacy, and adherence to prescribed format of reports.

Requirements

Conditions of Employment

• Must sign a mobility agreement if selected.

• Two year trial/probationary period may be required.

• Appointment may be subject to a suitability or fitness determination, as determined by a completed background investigation.

• Must be able to obtain and maintain a Secret security clearance.

• Male applicants born after December 31, 1959, must complete a Pre-Employment Certification Statement for Selective Service Registration.

Qualifications
Who May Apply: US Citizens

In order to qualify, you must meet the education and/or experience requirements described below. Experience refers to paid and unpaid experience, including volunteer work done through National Service programs (e.g., Peace Corps, AmeriCorps) and other organizations (e.g., professional; philanthropic; religious; spiritual; community; student; social). You will receive credit for all qualifying experience, including volunteer experience. Your resume must clearly describe your relevant experience; if qualifying based on education, your transcripts will be required as part of your application.

Additional information about transcripts is in this document.

Basic Requirement for General Engineer:

A. Degree: Bachelor's degree (or higher degree) in engineering. To be acceptable, the program must: (1) lead to a bachelor's degree (or higher degree) in a school of engineering with at least one program accredited by the Accreditation Board for Engineering and Technology (ABET); 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. (Degree must be completed by May 2022.)

OR

B. 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 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:

1. Professional registration or licensure - Current registration as an Engineer Intern (EI), Engineer in Training (EIT), or licensure as a Professional Engineer (PE) 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.

2. Written Test - Evidence of having successfully passed the Fundamentals of Engineering (FE) examination, or any other written test required for professional registration, by an engineering
licensure board in the various States, the District of Columbia, Guam, or Puerto Rico.

3. Specified academic courses - Successful completion of at least 60 semester hours of courses in the physical, mathematical, and engineering sciences and that included the courses specified in A above. The courses must be fully acceptable toward meeting the requirements of an engineering program.

4. Related curriculum - Successful completion of a curriculum leading to a bachelor's degree in an appropriate scientific field, e.g., engineering technology, 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.

In addition to meeting the basic requirement above, to qualify for this position you must also meet the qualification requirements listed below:

Specialized Experience: One year of specialized experience which includes assisting in the design and development of engineered devices, equipment or systems using established criteria or specifications; or, assisting in the inspection and evaluation of engineered devices, equipment or systems using established criteria; or, assisting in identifying engineering problems and recommending corrective action; or, reviewing technical engineering project design documents, computations and submittals for accuracy. This definition of specialized experience is typical of work performed at the second lower grade/level position in the federal service (GS-05).

OR

Education: One full year of graduate level education in a field which demonstrates the knowledge, skills, and abilities necessary to do the work of the position, such as: Engineering.

OR

Superior Academic Achievement: Successful completion (or completion no later than May 2022) of all the requirements for a bachelor's degree with Superior Academic Achievement (S.A.A.). In order to be creditable under this provision, Superior Academic Achievement must have been gained in a curriculum that is qualifying for the position to be filled, such as that identified in Education above. Superior Academic Achievement is based on:

(1) Class Standing - Applicants must be in the upper third of the graduating class in the college, university, or major subdivision, such as the College of Liberal Arts or the School of Business Administration, based on completed courses; OR
(2) Grade-Point Average (G.P.A.) - Applicants must have a grade-point average of either (a) 3.0 or
higher out of a possible 4.0 ("B" or better) as recorded on your official transcript, or as computed based on 4 years of education, or as computed based on courses completed during the final 2 years of the curriculum; or (b) 3.5 or higher out of a possible 4.0 ("B+" or better) based on the average of the required courses completed in the major field or the required courses in the major field completed during the final 2 years of the curriculum.; OR

(3) Honor Society Membership - Applicants may be considered eligible based on membership in one of the approved national scholastic honor societies listed by the Association of College Honor Societies (https://www.achsnatl.org/).

**NOTE**: If more than 10 percent of your undergraduate course work (credit hours) was taken on a pass/fail or similar basis, your S.A.A. claim must be based on class standing or membership in an honor society and you must provide evidence of your class standing or honor society membership with your application.

**NOTE**: Grade point averages will be rounded to one decimal point. For example, 2.95 will round to 3.0, and 2.94 will round to 2.9.

**OR**

5-Year Engineering Program: Successful completion (or completion by May 2022) of a 5-year program of study (i.e., one designed to be completed in no less than 5 years) of at least 160 semester hours leading to a bachelor's degree in engineering in an ABET accredited college or university.

**OR**

Combination of Education and Experience: A combination of education and experience may be used to qualify for this position as long as the computed percentage of the requirements is at least 100%. To compute the percentage of the requirements, divide your total months of experience by 12. Then divide the total number of completed graduate semester hours (or equivalent) by 18. Add the two percentages.

**Education**

FOREIGN EDUCATION: If you are using education completed in foreign colleges or universities to meet the qualification requirements, you must show the education credentials have been evaluated by a private organization that specializes in interpretation of foreign education programs and such education has been deemed equivalent to that gained in an accredited U.S. education program; or full credit has been given for the courses at a U.S. accredited college or university. For further information, visit:

http://www.ed.gov/about/offices/list/ous/international/usnei/us/edlite-visitus-forrecog.html

**Additional information**
Benefits

How You Will Be Evaluated

You will be evaluated for this job based on how well you meet the qualifications above.

Once the announcement has closed, a review of your application package (resume, supporting documents, and responses to the questionnaire) will be used to determine whether you meet the qualification requirements listed on this announcement.

If, after reviewing your résumé and/or supporting documentation, a determination is made that you have inflated your qualifications and/or experience, you may lose consideration for this position. Please follow all instructions carefully when applying, errors or omissions may affect your eligibility.

You should list any relevant performance appraisals and incentive awards in your resume as that information may be taken into consideration during the selection process. If selected, you may be required to provide supporting documentation.

Veterans and Military Spouses will be considered along with all other candidates.

Required Documents

How to Apply

Fair and Transparent
The documents you are required to submit vary based on whether or not you are eligible for preference in federal employment. A complete description of preference categories and the associated required documents is in the Applicant Checklist (External).

As described above, your complete application includes your resume, your responses to the online questionnaire, and documents which prove your eligibility to apply. **If you fail to provide these documents, you will be marked as having an incomplete application package and you will not be considered any further.**

1. **Your resume:**
   - Your resume may be submitted in any format and must support the specialized experience described in this announcement.
   - If your resume includes a photograph or other inappropriate material or content, it will not be used to make eligibility and qualification determinations and you may not be considered for this vacancy.
   - For qualifications determinations your resume must contain hours worked per week and the dates of employment (i.e., HRS per week and month/year to month/year or month/year to present). If your resume does not contain this information, your application may be marked as incomplete and you may not receive consideration for this position.
   - For additional information see: [What to include in your resume](https://https://www.usajobs.gov/job/645245500).

2. **Other supporting documents:**
   - Cover Letter, optional
   - Most recent Performance Appraisal, if applicable
   - This position has an individual occupational requirement and/or allows for substitution of education for experience. If you meet this requirement based on education you **MUST** submit a copy of your transcript with your application package or you will be rated ineligible. Unofficial copies are acceptable; however, if selected, official transcripts are required. You **MUST** submit your unofficial college transcripts with your application to include transfer courses, credit hours and grades to calculate GPA, along with your graduation date. If you have graduated within the past 30 days and your transcripts have not yet been updated to include your graduation date, or you are graduating by May 2022, you must also include your graduation date, to include both month and year, on your resume, or provide a letter from your college or university with your graduation date. Applicants who fail to provide transcripts AND degree completion information (if degree
date is not shown on the transcripts) will be marked as insufficient and will not receive consideration for this position. See: [Transcripts and Licenses](https://www.usajobs.gov/job/645245500).

NOTE: Documents submitted as part of the application package, to include supplemental documents, may be shared beyond the Human Resources Office. Some supplemental documents such as military orders and marriage certificates may contain personal information for someone other than you. You may sanitize these documents to remove another person's personal information before you submit your application. You may be asked to provide an unsanitized version of the documents if you are selected to confirm your eligibility.

If you are relying on your education to meet qualification requirements:

Education must be accredited by an accrediting institution recognized by the U.S. Department of Education in order for it to be credited towards qualifications. Therefore, provide only the attendance and/or degrees from schools accredited by accrediting institutions recognized by the U.S. Department of Education.

Failure to provide all of the required information as stated in this vacancy announcement may result in an ineligible rating or may affect the overall rating.

**How to Apply**

[Read more](https://www.usajobs.gov/job/645245500)

**Agency contact information**

[Army Applicant Help Desk](https://portal.chra.army.mil/hr_public?id=app_inq)

**Website**

[https://portal.chra.army.mil/hr_public?id=app_inq](https://portal.chra.army.mil/hr_public?id=app_inq)

**Address**

BG-APF-W4CMAA HQ DA USA CIV TRNG EDUCATION DEVEL

**DO NOT MAIL**
Next steps

If you provided an email address, you will receive an email message acknowledging receipt of your application. Your application package will be used to determine your eligibility, qualifications, and quality ranking (as applicable) for this position. If you are determined to be ineligible or not qualified, your application will receive no further consideration.

Fair & Transparent

The Federal hiring process is setup to be fair and transparent. Please read the following guidance.

Equal Employment Opportunity (EEO) Policy
Reasonable accommodation policy
Financial suitability
Selective Service
New employee probationary period
Signature and false statements
Privacy Act
Social security number request

Apply

Print
Share
Save

Accepting applications

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Appointment type
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Work schedule
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Service
Competitive

Promotion potential
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Job family (Series)
0801 General Engineering

Supervisory status
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Security clearance
Secret

Drug test
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Position sensitivity and risk
Noncritical-Sensitive (NCS)/Moderate Risk

Trust determination process
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