Fire Prevention Engineer

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

Summary

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 Certain Personnel of the DoD Workforce.

Overview

Accepting applications

Open & closing dates
05/11/2022 to 05/25/2022

Salary
$50,050 - $65,831 per year

Pay scale & grade
GS 7

Location
1 vacancy in the following location:

Baltimore, MD
1 vacancy

Telework eligible
Yes—as determined by the agency policy.

Travel Required
25% or less - Up to 10-25% 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)
0804 Fire Protection Engineering
(/Search/Results?J=0804)

Supervisory status
No

Security clearance
Not Required
(/Help/tag/job-announcement/security-clearances/)

Drug test
No

Announcement number
NCAT226531312430HW

Control number
653103600

THIS JOB IS OPEN TO

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

Duties

• Assist in the development of plans, design analyses and specifications for all fire prevention, fire protection, mass notification, and life safety features of design work.

• Assists with consultation during design development on all problems relative to fire protection specialty.

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

• Interprets, adapts and applies numerous codes, regulations, guidelines, precedents and engineering principles and practices to determine most feasible design or possible alternative solutions.

Requirements
Conditions of Employment

- Must sign a mobility agreement if selected.
- Two year trial/probationary period may be required.
- A Personnel Security Investigation is required.
- Appointment may be subject to a suitability or fitness determination, as determined by a completed background investigation.
- 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 Fire Prevention 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 June 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 construction of engineering structures or systems related to the fire prevention specialty using established criteria or specifications; or, monitoring fire prevention engineering projects and resources; or, identifying fire prevention engineering problems and recommending corrective action. 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 June 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 June 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](http://www.ed.gov/about/offices/list/ous/international/usnei/us/edlite-visitus-forrecog.html)

**Additional information**

- You will be required to provide proof of U.S. Citizenship.
- Direct deposit of pay is required.
- If you have retired from federal service and you are interested in employment as a reemployed annuitant, see the information in the [Reemployed Annuitant](https://acpol2.army.mil/chra_dodea/retiree.pdf) information sheet.
- Selection is subject to restrictions resulting from Department of Defense referral system for displaced employees.
- This is a Career Program (CP) 18 - Construction, Engineering, and Infrastructure position.
- Multiple positions may be filled from this announcement.
- Salary includes applicable locality pay or Local Market Supplement.
- When you perform a Civilian Permanent Change of Station (PCS) with the government, the Internal Revenue Service (IRS) considers the majority of your entitlements to be taxable. Visit [https://www.dfas.mil/civilianemployees/civrelo/Civilian-Moving-Expenses-Tax-Deduction/](https://www.dfas.mil/civilianemployees/civrelo/Civilian-Moving-Expenses-Tax-Deduction/) for more information.
- If you are unable to apply online or need to fax a document you do not have in electronic form, view the following link for information regarding an [Alternate Application](https://help.usastaffing.gov/Apply/index.php?title=Alternate_Application_Information).
- Payment of Permanent Change of Station (PCS) costs is authorized, subject to the provisions of the Joint Travel Regulations.
- If selected, official college or university transcripts must be submitted. However, unofficial transcripts must be submitted at the time of application.
- This recruitment provides promotion opportunity to the target grade of the position without further competition when selectee is eligible and recommended by management.
- Incumbent works under closer supervision and works in a developmental capacity performing assignments and completing training, both of which are aimed in preparing the incumbent to gain the knowledge and skills necessary to perform the duties outlined in the aforementioned job description. The incumbent receives progressively more responsible assignments as experience and training are received to the next higher level position.
- Due to COVID-19, the agency may be in an expanded telework posture. If selected, you may be expected to temporarily telework, even if your home is located outside the local commuting area. Once employees are permitted to return to the office, you would be expected to report to the duty station listed on this announcement within a designated timeframe identified by...
the organization. At that time, you may be eligible to request to continue to telework one or more days a pay period depending upon the terms of the agency's telework policy.

- Information may be requested regarding the vaccination status of selectees for the purposes of implementing workplace safety protocols. For more information, visit https://www.saferfederalworkforce.gov/faq/vaccinations/
- Student Loan Repayment MAY be offered for difficult to fill positions.
- Additional financial incentives, such as recruitment or relocation incentives, may be offered for difficult to fill positions.

**Benefits**

A career with the U.S. government provides employees with a comprehensive benefits package. As a federal employee, you and your family will have access to a range of benefits that are designed to make your federal career very rewarding. Learn more about federal benefits

Review our benefits

Eligibility for benefits depends on the type of position you hold and whether your position is full-time, part-time or intermittent. Contact the hiring agency for more information on the specific benefits offered.

**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**

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)

https://www.usajobs.gov/job/653103600/print
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 will be marked as incomplete and you will not receive consideration for this position.
   - For additional information see: [What to include in your resume](https://www.usajobs.gov/Help/fag/application/documents/resume/what-to-include/).

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. 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, you must also include your graduation date, or you are graduating by June 2022, 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://acpol2.army.mil/chr_dodea/Transcripts.pdf).
   - License/Certification: If the position has a license/certification requirement, you MUST submit a copy of your current, active, valid, unrestricted license/certification. See: [Transcripts and Licenses](https://acpol2.army.mil/chr_dodea/Transcripts.pdf).

**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 un-sanitized 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 [http://www.ed.gov/admins/finaid/accred/](http://www.ed.gov/admins/finaid/accred/).
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

To apply for this position, you must complete the online questionnaire and submit the documentation specified in the **Required Documents** section below.

The complete application package must be submitted by 11:59 PM (EST) on 05/25/2022 to receive consideration.

- To begin, click **Apply** to access the online application. You will need to be logged into your USAJOBS account to apply. If you do not have a USAJOBS account, you will need to create one before beginning the application ([https://apply.usastaffing.gov/ViewQuestionnaire/11492430](https://apply.usastaffing.gov/ViewQuestionnaire/11492430)).

- Follow the prompts to **select your résumé and/or other supporting documents** to be included with your application package. You will have the opportunity to upload additional documents to include in your application before it is submitted. Your uploaded documents may take several hours to clear the virus scan process.

- After acknowledging you have reviewed your application package, complete the Include Personal Information section as you deem appropriate and click **to continue with the application process**.

- You will be taken to the online application which you must complete in order to apply for the position. Complete the online application, verify the required documentation is included with your application package, and submit the application. **You must re-select your resume and/or other documents from your USAJOBS account or your application will be incomplete.**

- It is your responsibility to verify that your application package (resume, supporting documents, and responses to the questionnaire) is complete, accurate, and submitted by the closing date. Uploaded documents may take up to one hour to clear the virus scan.

- Additional information on how to complete the online application process and submit your online application may be found on the [USA Staffing Applicant Resource Center](https://help.usastaffing.gov/index.php?title=Applicant).

To verify the status of your application, log into your USAJOBS account ([https://my.usajobs.gov/Account/Login](https://my.usajobs.gov/Account/Login)), all of your applications will appear on the Welcome screen. The Application Status will appear along with the date your application was last updated. For information on what each Application Status means, visit: [https://www.usajobs.gov/Help/how-to/application/status/](https://www.usajobs.gov/Help/how-to/application/status/).

If you are unable to apply online or need to fax a document you do not have in electronic form, view the following link for information regarding an **Alternate Application** ([https://help.usastaffing.gov/index.php?title=Alternate_Application_Information](https://help.usastaffing.gov/index.php?title=Alternate_Application_Information)).

---

**Agency contact information**

[Army Applicant Help Desk](https://www.usajobs.gov/job/653103600/print)
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 for this position. If you are determined to be ineligible or not qualified, your application will receive no further consideration.

The documents you submit must support your responses to the online questionnaire. If your application contradicts or does not support your questionnaire responses, you will receive a rating of "not qualified" or "incomplete application" and you will not receive further consideration for this job.

Fair & Transparent

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

Equal Employment Opportunity (EEO) Policy
(https://help.usajobs.gov/help/equal-employment-opportunity/)
Financial suitability
New employee probationary period
Privacy Act
Reasonable accommodation policy
(https://help.usajobs.gov/help/reasonable-accommodation/)
Selective Service
Signature and false statements
Social security number request