Responsibilities
With the ever-increasing workforce and technology complexities to accommodate our workforce, NSA's Installation & Logistics organization needs motivated Fire Protection Engineers to provide facilities design expertise, guidance and support to the development and implementation of facilities solutions that enable capabilities that align with mission driven priorities.

As a Fire Protection Engineer at NSA, responsibilities may include:
- Prepare design and construction cost estimates.
- Development of designs for new and renovated facilities.
- Prepare engineering technical reports, specifications, and drawings
- Provide construction detailing
- Perform engineering analysis and calculations
- Conduct code analysis
- Project management
- Facilities planning

Job Summary
As an Engineering and Physical Science professional, you will use your skills to create the systems and tools that will be used to enhance the operation of intelligence. You will advise, administer and perform scientific projects, such as planning, designing, and constructing specialized equipment, and ensuring adherence to sound engineering and scientific standards and principles. The NSA offers multiple areas of focus for facilities engineers, including computer, architectural, electrical, mechanical, and structural. In addition, we are seeking skills that include computer design, microelectronics, radio frequency design, and systems engineering. Apply your science and engineering skills to protect the nation.

Qualifications
*The qualifications listed are the minimum acceptable to be considered for the position. Salary offers are based on candidates’ education level and years of experience relevant to the position and also take into account information provided by the hiring manager/organization regarding the work level for the position.

Degree must be in Fire Protection Engineering or a related field (e.g., Electrical, Chemical, Mechanical, Industrial, or Systems Engineering.). If program is not ABET EAC accredited, it must include specified coursework.*

*Specified coursework includes courses in differential and integral calculus and 5 of the following 18 areas: (a) statics or dynamics, (b) strength of materials/stress-strain relationships, (c) fluid mechanics, hydraulics, (d) thermodynamics, (e) electromagnetic fields, (f) nature and properties of materials/relationing particle and aggregate structure to properties, (g) solid state electronics, (h) microprocessor applications, (i), computer systems, (j) signal processing, (k) digital design, (l) systems and control theory, (m) circuits or generalized circuits, (n) communication systems, (o) power systems, (p) computer networks, (q) software development, (r) Any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, or soil mechanics.

Experience working in a fire protection engineering capacity (e.g., fire suppression, hydraulics, fire code analysis, design review, and fire systems testing) is desired. Certified Fire Protection Specialist (CFPS) is preferred.
Entry/Developmental
Entry is with a Bachelor's degree and no experience.

Full Performance
Entry is with a Bachelor's degree plus 3 years of relevant experience, or a Master's degree plus 1 year of relevant experience, or a Doctoral degree and no experience.
Certified Fire Protection Specialist (CFPS), Engineer in Training (EIT), and/or Professional Engineer (PE) certifications are preferred.

Senior
Entry is with a Bachelor's degree plus 6 years of relevant experience, or a Master's degree plus 4 years of relevant experience, or a Doctoral degree plus 2 years of relevant experience.
Certified Fire Protection Specialist (CFPS), Engineer in Training (EIT), and/or Professional Engineer (PE) certifications are preferred.

Competencies
The ideal candidate demonstrates the following:
- Problem Solving
- Interpersonal Skills
- Partnering
- Customer Service
- Accountability
- Continual Learning
- Resilience
- Effective Communication

Knowledge and experience in one or more of the following is desired:
- Technical software packages (e.g., AutoCAD)
- Engineering calculations (e.g., HAAS or an equivalent sprinkler flow calculation tool)
- Fire Protection codes and guidelines (e.g., NFPA, IBC, UFC, IMC, Indoor Air Quality Standards)
- Cost estimating
- Design, analysis and troubleshooting of Fire Protection facilities infrastructure (e.g., Fire Alarm vendor equipment)
- Cost-benefit analysis and life-cycle cost analysis
- System startup, commissioning, and testing

Pay, Benefits, & Work Schedule
On-the-job training, Internal NSA courses, and external training will be made available based on the need and experience of the selectee.

Monday - Friday, with basic 8hr/day work requirements between 0600 and 1800 (flexible).

Salary Range - $74,682 - $164,102 (Entry/Full Performance/Senior)

How to apply
To apply for this position, please click the 'Apply' button located at the top right of this posting. After completing the application for the first time, or reviewing previously entered information, and clicking the 'Submit' button, you will receive a confirmation email. Please ensure your spam filters are configured to accept emails from noreply@intelligencecareers.gov.

***PLEASE NOTE: U.S. Citizenship is required for all applicants. Reasonable accommodations provided to applicants with disabilities during the application and hiring process where appropriate. NSA is an equal opportunity employer and abides by applicable employment laws and regulations. All applicants and employees are subject to random drug testing in accordance with Executive Order 12564. Employment is contingent upon successful completion of a security background investigation and polygraph.

This position is a Defense Civilian Intelligence Personnel System (DCIPS) position in the Excepted Service under 10 U.S.C. 1601. DoD Components with DCIPS positions apply Veterans’ Preference to eligible candidates as defined by Section 2108 of Title 5 USC, in accordance with the procedures provided in DoD Instruction 1400.25, Volume 2005, DCIPS Employment and Placement. If you are a veteran claiming veterans’ preference, as defined by Section 2108 of Title 5 U.S.C., you may be asked to submit documents verifying your eligibility.

Please note that you may be asked a series of questions depending on the position you apply for. Your responses will be used as part of the screening process of your application and will assist in determining your eligibility for the position. Be sure to elaborate on experiences in your resume. Failure to provide the required information or providing inaccurate information will result in your application not being considered for this position. Only those applicants who meet the qualifications for the position will be contacted to begin employment processing.

Please Note: Job Posting could close earlier than the closing date due to sufficient number of applicants or position no longer available. We encourage you to apply as soon as possible.

DCIPS Disclaimer
The National Security Agency (NSA) is part of the DoD Intelligence Community Defense Civilian Intelligence Personnel System (DCIPS). All positions in the NSA are in the Excepted Services under 10 United States Codes (USC) 1601 appointment authority.