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SERVING THE UNITED STATES & ALL NATO COUNTRIES



US Citizenship required for most positions. We are proud to be an equal opportunity employer. All applicants will be considered for employment without attention to race, color, religion, sex, sexual orientation, gender identity, national origin, veteran or disability status

Technical Specifications are subject to change without notice

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TEMPEST

TRAINING PROGRAM

YOUR INFORMATION ASSURANCE PARTNER

ADVANCED PROGRAMS, INC. | 7125 RIVERWOOD DRIVE, COLUMBIA, MD 21046 | PH: 410.312.5800 FAX: 410.312.5850 | www.advprograms.com



Why Join Us?

Our program is built to teach, from the ground up!

Earn While You Learn

Get paid during your training period and look forward to incremental pay raises and bonuses once you become a Certified TEMPEST Professional (CTP).

Career Growth

Our step-by-step career development plan ensures continuous progress and skill enhancement.

Engaging & Exciting Environment

We believe learning should be exciting! Our program is designed to keep you engaged and motivated throughout your training.

About Our Apprenticeship Program

Our acclaimed apprenticeship program is more than just a job; it's a career development. We provide paid training—yes, you can earn while you learn! Dive into an exciting world of hands-on experience under the guidance of industry veterans boasting over 50 years of collective expertise. Our program is designed to equip you with high-demand engineering skills through practical, on-the-job training, setting you apart in the tech industry.

Key Duties & Responsibilities

As a TEMPEST Apprentice, you will engage in a variety of crucial tasks that are designed to develop your skills and knowledge in the specialized field of TEMPEST technology.

Test Preparation and Execution

Learn to understand test schedules and take responsibility for executing comprehensive test plans, which include setup, operation modes, specific messages, and monitoring.

Equipment Handling

Install the Equipment Under Test (EUT) in a shielded enclosure following precise test plans and current National TEMPEST Standards.

Operational Verification

Check that all equipment is operational across test modes and confirm the calibration and functionality of detection system test equipment.

Measurements and Logging

Conduct ambient measurements for test setups and sensitivity measurements for detection systems. Maintain a detailed TEMPEST Status logbook.

Quality Assurance and Reporting

Perform TEMPEST Quality Assurance tests under the supervision of certified professionals (CTP I or CTP II), following approved plans and standards. Log test results for review using appropriate software.

Professional Development

Prepare for the NSA Certified TEMPEST Professional Tests to ensure readiness for certification and continuous professional growth.

Collaboration and Communication

Participate actively in project and engineering meetings, contributing to and learning from team discussions.

Mathematical Reasoning

Applicants should possess a working knowledge of algebra, logarithms, and scientific and engineering notation, all fundamental in technical environments. A basic understanding of trigonometry and its applications is also advantageous.

These mathematical skills are essential for analyzing data, interpreting graphs, and addressing practical challenges during technical operations.

Strong reasoning skills are critical. Candidates must excel at following detailed procedures, interpreting various technical documents such as operational manuals and safety guidelines, and efficiently troubleshooting issues. The role demands analytical thinking and the capability to make informed decisions based on a logical analysis of available data.

Physical & Work Environment

The physical requirements of this position include using hands to manipulate tools and components, reaching with hands and arms, and regularly sitting for extended periods of time. Occasional standing, walking, and the ability to lift and/or move items up to 100 pounds may also be required. Specific vision abilities necessary include close vision and the ability to distinguish colors.

The work environment may expose employees to risks such as electrical shocks, with a generally moderate noise level. Reasonable accommodations may be made to enable individuals with disabilities to perform essential functions.

Security Clearance & Citizenship Requirements

Citizenship Requirement

This position requires U.S. citizenship due to the sensitive nature of the work and security clearance prerequisites.

Security Clearance Requirement

Eligible candidates must be able to obtain a Department of Defense (DoD) Secret security clearance. This involves passing the necessary background checks to ensure our team's integrity and compliance with security standards.

Education, Experience, & Language Skills

While a background in electronics is preferred, it is not required, making this an ideal entry point for those eager to start a career in a technical field. Effective communication skills are crucial, as the role involves reading and interpreting technical documents, writing routine reports and correspondence, and speaking effectively before groups of customers or employees.

Take the first step towards becoming a TEMPEST expert. Join our team and transform your curiosity into expertise, setting the stage for a robust and fulfilling career. Let's make it happen together.

Visit our website at www.advprograms.com or Contact us at HR@advprograms.com