

Job Description

Job Title: Coordinator Network Engineering
Pay Grade: 42
Job Classification: Exempt

Supervisor: Director of Technology
Contract Length: 245 Days

Job Summary

Position is responsible to the Director of Technology, for the district-wide implementation, maintenance, and administration of the school division's state-of-the-art high-speed local and wide-area; wired and wireless; converged network. The position is responsible for documenting, managing, and maintaining assigned systems implementation plans and projects. Position establishes and interprets policies and operating procedures; evaluates system operations; develops a training program for assigned staff; prepares budgeting and cost analyses. Work requires highly professional customer service to staff and students. Position supervises and evaluates work performance of assigned staff.

Essential Duties

1. Researches and analyzes current and evolving communications capabilities and network architectures to provide information for long and short-term planning.
2. Manages and administers all aspects of the NNPS converged network including: capacity/feasibility planning, new installations, upgrades, configuration, feature functionality testing, maintenance, troubleshooting, back-up systems, security procedures/protocols, operating procedures and guidelines, and user accessibility and connectivity.
3. Coordinates and performs project planning and project management responsibilities which may include establishing priorities, specifications and approaches, organizing, staffing and scheduling, working with others to complete the project, and monitoring progress.
4. Regularly confers with internal and external departmental system programmers, system analysts, system administrators, and functional managers regarding current and prospective systems changes and future needs.
5. Provides training to assigned staff.
6. Trains and provides support to site-managed Technology Support Specialists regarding network connectivity, processes, and operating procedures
7. Directs efforts of technicians who are involved in diagnosing and correcting network-related problems; determines logical solutions to complex system administration and core application problems.
8. Prepares documents and performs research to justify language used in departmental documents, procedures and budget recommendations.
9. Prepares and presents status reports, service level benchmarks, key performance indicators, and operational metrics for assigned systems.
10. Defines network bid and RFP technical requirements to ensure appropriate service provisions.
11. Utilizes and ensures assigned staff use of appropriate safety equipment in the performance of duties.
12. Travels to and from school's/work sites in the performance of duties.
13. Conforms to all departmental procedures and policies.
14. Models nondiscriminatory practices in all activities.
15. Tracks and assigns work in the help desk system.

(These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.)

Other Duties

1. Maintains a current knowledge of rapidly changing technology systems.
2. Performs any other related duties as assigned by the Director of Technology, or other appropriate administrator.

Job Specifications

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily with minimal supervision. The requirements listed below are representative of the knowledge, skill and/or ability required. Reasonable accommodation may be made to enable individuals with disabilities, who are otherwise qualified, to perform the essential functions.

Minimum Qualifications (Knowledge, Skills and/or Abilities Required)

Bachelor’s degree in computer science, management information systems, or a related field and considerable relevant experience and industry certifications in and understanding of Virtual LANs, TCP/IP networking and routing, VoIP, one and ten gigabit Ethernet switch configuration (Brocade preferred), fiber optics, wireless networking, facility fire notification and facility intrusion prevention systems is required. Extensive experience in networking computer systems may substitute for college degree. Position requires thorough knowledge of the principles and practices used in the design of local and wide area networks. Must possess demonstrated successful experience in project planning and management (e.g., new installations, upgrades) involving multiples customer sites. Experience in the design of local and wide area networks consisting of several thousand users and device points spread across multiple sites. Experience in writing system documentation, system specifications, system requirements, project plans, presentations, correspondence, studies, reports, and training materials. Be able to demonstrate the ability to properly develop and maintain accurate documentation. Must possess the ability to establish and maintain effective working relationships with departmental peers, departmental technicians and specialist, and all customers served. Must have the ability to direct the efforts and evaluate the work of assigned staff. Must have the ability to effectively explain complex technical concepts to both technical and non-technical personnel. Must possess a valid Virginia driver’s license with a good driving record.

Working Conditions and Physical Requirements

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodation may be made to enable individuals with disabilities to perform essential functions. When performing the duties of this job, the employee is frequently required to stand; walk; reach with hands and arms; climb or balance; stoop; kneel; crouch; or crawl. The employee must frequently lift and/or move and push/pull up to 26 pounds. The employee must occasionally lift and/or move and/or balance while standing or climbing up to 60 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, and depth perception.

Work Environment

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. Duties are normally performed in an office environment, centralized computer rooms, on-site locations and outside in the open environment. While performing the duties of this job, the employee is occasionally exposed to various lighting conditions; moving mechanical parts; high precarious places; toxic or caustic chemicals; and risk of electrical shock. The noise level is usually moderate and occasionally loud when performing duties in centralized computer rooms.

Supervision Exercised: Assigned Staff

Supervision Received: Director of Technology

This job description in no way states or implies that these are the only duties to be performed by this employee. The Coordinator Network Engineering will be required to follow any other instructions and to perform any other related duties as assigned by the Director of Technology, or appropriate administrator. Newport News Public Schools reserves the right to update, revise or change this job description and related duties at any time.

Approvals:

Supervisor Date

I acknowledge that I have received and read this job description.

Employee Name (Print) Signature Date