



Job Title: Network Engineer II

Department: Information Technology

Reports To: Director, ISS Operations

Grade: BG-11

Number of Days: 12 Months

Security Access: ESC

Current Date: May 9, 2016

Overtime Status: Exempt

Job Objectives: Provide technical leadership and expertise in supporting and engineering Information Technology (IT) infrastructure, systems, and services for the TPS school district. Ensure existing IT systems meet or exceed performance targets and that sound security practices are in place. Monitor industry trends and leverage existing vendor relationships to ensure TPS school district technology roadmaps are current and relevant to achieving district goals.

Minimum Qualifications:

- Bachelor's Degree in computer science, related degree or equivalent experience.
- Requires Information Technology industry certifications such as Microsoft MCSE, VMWare VCP, EMC EMCSA, NetApp NCDA and Cisco CCNA, CCNP, or equivalent work experience.

Responsibilities and Essential Functions: The following duties are representative of performance expectations. A reasonable accommodation may be made to enable a qualified individual with a disability to perform essential functions.

- Provide technical leadership in systems and network domains.
- Research, draft Request for Proposal (RFP) documents, recommend, and implement Information Technology systems that support the administration and the delivery of curriculum across the school district.
- Provide advanced network and systems engineering, performance and capacity planning, and support services for the enterprise, including engineering and oversight of sound IT security practices.
- Implement and support VMWare ESX servers, Microsoft domain and application servers, SQL servers, Exchange servers, SharePoint servers.
- Maintain platform and connectivity performance across the WAN metro Ethernet network, i.e., TCP/IP protocols, and routing tables.
- Ensure proper security procedures relative to network infrastructure and authorized hardware; install and configure additional hardware required for new software.
- Any other duties as assigned.

Skills and Abilities Required: The following characteristics and physical skills are important for the successful performance of assigned duties.

- Strong knowledge of server planning and engineering, Microsoft Active Directory, Microsoft Exchange, server virtualization, and Storage Area Network (SAN) technologies is required.
- Strong knowledge of data center HVAC, electric power, and space management, enterprise backup/archive systems, and disaster recovery planning.
- Good working knowledge of firewalls, proxy servers, Internet monitoring, TCP/IP networking and services (DNS, DHCP, FTP, SMTP, SNMP), Virtual Private Network (VPN), and Ethernet network technologies is also required.
- Strong problem solving and communication skills, knowledge of Cisco routers, switches and backbone equipment, and experience working independently with Windows 2012, Windows 7 and Windows 10 operating systems in an enterprise environment is required.
- Knowledge of Microsoft SharePoint 2013, PowerSchool, and Tyler Munis would be a plus.

Supervisory Responsibility: Does not directly supervise any individuals.

- Function as technical lead for Operations and Support team in all support domains within job scope.

Working Conditions: Exposure to the following situations may range from remote to frequent based on circumstances and factors that may not be predictable.

- Standard office conditions.

Tulsa Public Schools is an equal opportunity employer offering employment without regard to race, color, religion, gender, national origin, age, sexual orientation, or disability. This job description summary does not imply that these are the only duties to be performed. This job description is subject to change in response to funding variables, emerging technologies, improved operating procedures, productivity factors, and unforeseen events.