



T U L S A

PUBLIC SCHOOLS

Job Title: Network Systems Engineer I

Department: Information Systems Services

Reports to: Director, Systems Architecture

Compensation: BL 9

Number of Days: 12 Months

Security Access: ESC

Current Date: September 12, 2012

Overtime Status: Exempt

Job Objectives: Provide technical 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. Support Systems Architecture team and Information Systems Services department in the delivery of technology solutions that support 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 expertise in systems and network domains.
- Support development of Request for Proposal (RFP) documents, recommend and implement Information Technology systems that support the administration and the delivery of curriculum across the school district.
- Apply current network, systems and security engineering practices to design, implementation and support of Information Technology systems and services.
- Implement and support VMWare ESX servers, Microsoft domain and application servers, SQL servers, Exchange servers, SharePoint servers.
- Work with Systems Architecture team to maintain platform and connectivity performance across the district's enterprise gigabit 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 is required.
- Experience working independently with Windows 2008, Windows XP and Windows 7 operating systems in an enterprise environment is required.
- Strong problem solving and communication skills is required.
- Knowledge of server virtualization, and Storage Area Network (SAN) technologies would be a strong plus.
- 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.
- Knowledge of Cisco routers, switches and backbone equipment is also required.
- Knowledge of Aruba Wireless Access Point networking technology would be a plus.
- Knowledge of Microsoft SharePoint 2010, Pearson PowerSchool and Tyler Munis would be a plus.

Supervisory Responsibility: Does not directly supervise any individuals.

- Function as technical member Systems Architecture 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.
- Travel to school sites.

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.