



**Job Title:** Network Systems Engineer II

**Department:** Information and Technology / Operations and Support

**Reports To:** Executive Director of Information Technology

**Grade:** BG-11

**Number of Days:** 12 Months

**Security Access:** ESC

**Overtime Status:** Exempt

**Last Revised Date:** May 9, 2016

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**Mission and Vision:** Tulsa Public Schools is the destination for extraordinary educators who work with our community and families to ignite the joy of learning and prepare every student for the greatest success in college, careers, and life. Our mission is to inspire and prepare every student to love learning, achieve ambitious goals, and make positive contributions to our world.

**Core Values:** Our core values guide how we work and interact with each other at every level of the organization. We embrace and embody these values every day.

- **Equity:** All children deserve the opportunity to develop their full academic and social potential. Our diversity is a community treasure, and we must foster an inclusive environment by examining biases and resolving unfair practices.
- **Character:** We are honest, trustworthy, and have high standards of behavior. We do the right thing even when it is hard. While we do not always agree, we treat one another with kindness and respect.
- **Excellence:** We work hard together and expect a lot of one another because high standards produce exemplary knowledge, skills, abilities, and mindsets.
- **Team:** We care for one another, support the personal and professional development of one another, and work together to improve our community.
- **Joy:** Joy at school and at work makes us more productive because when we create, innovate, and imagine, our motivation grows. We want to ensure that everyone knows the excitement that comes from working deeply on a problem, task, or concept and experiencing breakthrough moments.

**Position Summary:** 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 NCSA 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
- Display ability to work collaboratively with others on a team
- Perform other tasks, duties, or services consistent with this position 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:**

- This role 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 committed to building a diverse and inclusive team of individuals who contribute to the district's mission with their talents, skills, and energy. Tulsa Public Schools is an equal opportunity employer and does not discriminate on the basis of race, religion, color, national origin, sex, sexual orientation, gender expression, gender identity, pregnancy, disability, genetic information, veteran status, marital status, age, or any other classification protected by applicable law.*

*Tulsa Public Schools also provides reasonable accommodations to qualified applicants and employees with disabilities. If you need an accommodation during the application process, please contact the district's talent management department at 918-746-6310 or the district's human rights and Title IX coordinator at 918-746-6517. You can also direct your request for accommodation in writing to the Tulsa Public Schools Education Service Center, Attn: Talent Management, 3027 S. New Haven Ave., Tulsa, OK 74114-6131.*