



Job Description

Job Title: Sr. Network Engineer

JTC: TCW

Salary Range: N08

FLSA: Exempt

Since 1965, we have served more than 3 million students. Dallas County Community College District (DCCCD) is one of the largest community college systems in the state of Texas, which includes seven independently accredited colleges located around the Dallas/Fort Worth area.

POSITION SUMMARY

Senior role responsible for planning, organizing, and managing overall IT network operations to ensure the stable operation of the organization's IT infrastructure and support of WiFi networks. Responsibilities include developing, maintaining, supporting, and optimizing key functional areas, particularly network infrastructure including data and voice telecommunications systems.

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES

Proven experience managing a large-scale network, with an in-depth understanding of Lan, Wan, VOIP, operations, internet routing protocols and Cisco Enterprise solutions. Demonstrated experience and knowledge of network design, planning, implementation, security principles and general network management best practices. Knowledge of district IT policies and guidelines to complete work and make improvements to the organizational processes.

Ability to identify situations or problems that are without clear precedent and use strong problem-solving skills to provide solutions. Experience with security and networking architecture, networking protocols, network security design, and routers, etc. Strong hands on technical knowledge of network and PC operating systems.

Demonstrated experience leading multiple network projects and working with internal and external clients in a diverse fast-paced environment. Demonstrated ability to assess sponsor needs and identify and propose viable technical solution. Ability to organize and facilitate planning and demonstrations to colleagues.

Demonstrated ability to create work standards for unit and holds individuals accountable for completing assignments. Strong analytical and troubleshooting skills, with the ability to prioritize assignments/projects and meet deadlines.

Ability to envision and articulate the direction of the future of networking. Excellent communication and interpersonal skills including the ability to build consensus and articulate complex technical solutions to non-technical peers and management via multiple mediums of communication. Excellent customer service skills.

PHYSICAL REQUIREMENTS

Normal physical job functions performed within a standard office environment. Reasonable accommodations may be made to individuals with physical challenges to perform the essential duties and responsibilities. Occasionally may be required to lift and carry materials weighing up to 30 pounds.

MINIMUM KNOWLEDGE AND EXPERIENCE

Bachelor's degree or higher in related field plus four (4) years of work-related and two (2) years of supervisory/team lead experience. CCNP certification or higher preferred. A valid driver's license is required to due to extensive travel throughout the DCCCD area to all college/locations. Official transcripts will be required. *** Will be subject to a criminal background check. Some positions may be subject to a fingerprint check. ***

ESSENTIAL DUTIES AND RESPONSIBILITIES

Design and deploy company LANs, WANs, and wireless networks, including servers, routers, hubs, switches, UPSs, and other hardware. Performs network maintenance and system upgrades including service packs, patches, hot fixes and security configurations. Maximizes network performance by monitoring performance; troubleshooting network problems and outages; scheduling upgrades and collaborating with network architects on network optimization.

Conducts testing of network systems and delivers comprehensive technical assessments on proposed solutions. Configures networks to ensure their end-to-end efficient and reliable operation for fulfilling organizational objectives. Practices network asset management, including maintenance of network component, inventory and related documentation and technical specification information which includes Cisco SmartNet.

Provides support and troubleshooting to resolve issues within established configuration and change management policies to ensure awareness, approval and success of changes made to the network infrastructure. Consults with clients, vendors, and technology partners to evaluate business opportunities related to technological infrastructure.

Ensures network connectivity of all computers, phones and other devices, Act as subject matter expert related to network performance reporting and management using tools. Maintains technical expertise in all areas of network infrastructure, computer hardware and software, interconnection and interfacing.

Provides leadership in the management of complex projects to completion. Assists in the formulation, understanding and implements DCCCD IT standard operating procedures and ensures compliance. Provides performance feedback and assists supervisor develop employee plans for development and training. Must have excellent listening, oral and written communications to communicate with a diverse array of stakeholders and constituents within the DCCCD community network. Performs other duties as assigned.

The intent of this job description is to provide a representative summary of the major duties and responsibilities performed by incumbents of this job and shall not be construed as a declaration of the



total of the specific duties and responsibilities of any particular position. Incumbents may be directed to perform job-related tasks other than those specifically presented in this description. Position requires regular and predictable attendance.