

SENIOR NETWORK SYSTEMS SPECIALIST

DEFINITION

Under general supervision, establishes, monitors and maintains integrated data networks; analyzes overall network performance among various enterprise technology platforms, distributed networks and end-user computing devices.

SUPERVISION RECEIVED/EXERCISED

Receives supervision from an Information Services Manager or designee within the Information Services Department. Exercises no supervision; may provide lead direction.

DISTINGUISHING CHARACTERISTICS

Senior Network Systems Specialist is the advanced working class in the Network Systems Specialist series. Incumbents coordinate technical assistance to user departments and Information Systems staff and conducts the analyses of overall network performance, and participates in identifying and resolving more complex operating system issues. This class differs from the Network Systems Specialist in that the Senior Network Systems Specialist may have lead responsibilities and may participate in identifying and resolving more complex enterprise technology platform issues.

EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES

(May include, but are not limited to, the following:)

Provides lead technical direction in evaluating requests for hardware, software and services which may involve the use of distributed networks, local area networks, data transfer between operating systems, other types of data networks and services.

Meets with user departments; provides guidance in analyzing operational technology needs to determine requirements; prepares reports of analyses.

Recommends and reviews services, hardware, software and network configurations to establish the best use of resources to meet City needs.

Provides lead technical assistance in the repair, operation and maintenance of enterprise technology platforms.

Provides installation, evaluation and diagnosis of enterprise technology platforms.

Recommends modifications for hardware, software and services.

Coordinates with technology vendors to establish cost estimates.

Performs related duties as required.

JOB RELATED AND ESSENTIAL QUALIFICATIONS

Knowledge of:

Storage Area Networking (SAN) technologies and Network Attached Storage (NAS) equipment.

Microsoft Windows Server and Linux Operating Systems

Local Area Networks (LAN), Wide Area Networks (WAN), Internet and Intranets.

Server virtualization and compute platforms.

Network security best practices.

Identity and Access Management (IAM) best practices.

Skill to:

Safely operate a motor vehicle

Ability to:

Analyze functional network requirements and specifications for computer hardware and software.

Prepare clear, concise, and comprehensive records, reports, correspondence and other written materials.

Direct installation, maintenance, and repair of enterprise technology platforms.
Train and provide lead direction to staff.

Monitor project schedules.

Establish and maintain effective working relationships with those contacted in the performance of duties.

Communicate effectively, both orally and in writing.

Adapt to evolving technology to solve problems.

MINIMUM QUALIFICATIONS

Two (2) years of experience equivalent to that gained as a Network Systems Specialist with the City of Fresno;

OR

Graduation from an accredited college or university with a Bachelor's Degree in management information systems, computer sciences or related field and three (3) years of full time paid work experience which includes implementation of network or automated system applications and equipment, and project management. Additional qualifying experience may be substituted for the required education on a year-for-year basis.

Special Requirement

Possession of a valid California Driver's License is required at time of appointment.

Depending on specific assignment, a license and/or certificate may be required at time of application.

Eligibles certified for consideration for hire will be required to pass an extensive pre-employment background investigation.

APPROVED: (Signature on File)
Director of Personnel Services

DATE: 8/22/2019

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