

SENIOR SYSTEMS PROGRAMMER

CODES/PAY GRADE

Class Code: 1604

EEO Code: B

Pay Grade: 216

MAJOR FUNCTION

Performs advanced technical work planning, analyzing, designing, implementing, and maintaining computer hardware, operating system software, and database management systems in a complex multi-system environment.

ILLUSTRATIVE DUTIES

(NOTE: These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment of the position.)

Performs hardware installation, diagnosis, and recovery of servers, mainframe, and storage area networks (SAN).

Performs software installation, configuration, documentation, diagnosis, and recovery of operating systems, databases, and additional software.

Establishes and maintains system security, backup, and restore methodologies. Applies fixes and patches to hardware, operating system, database, and additional software.

Defines and allocates disk storage for file and database systems on servers and SAN.

Trains operational staff and automates routine operational and maintenance tasks.

Provides recovery support for servers, mainframe, and SAN environment on a 24x7x365 basis.

Performs system monitoring and benchmarking of servers, mainframe, and SAN.

Prepares detailed technical analysis, recommendations, project plans, and cost projections for server and SAN projects.

Provides support for resolution of server-related local area network (LAN), wide area network (WAN), and desktop application issues.

Maintains high level of technical knowledge of server hardware, SANs, operating system software, and database management software.

Provides technical expertise and assistance to other Information Technology staff.

Interfaces with vendor technical representatives.

Perform related work as required.

(Senior Systems Programmer continued)

KNOWLEDGE, ABILITIES AND SKILLS

Knowledge of server, mainframe, and Storage Area Network (SAN) hardware, operating system software, database management systems, and utility software. Ability to design and implement computer server environment including security, backup and recovery, disaster recovery, routine maintenance, and automation of batch processing. Ability to evaluate and recommend computer hardware and software. Ability to perform system analysis and tuning. Ability to define, diagnose, and resolve complex problems with server, mainframe, and SAN platforms. Skills in system administration of Windows Server, Netware, AS400, AIX, Solaris and/or VMware.

Ability to work and accomplish multiple tasks within schedules. Ability to establish and maintain effective working relationship with a wide range of work groups. Ability to establish and maintain effective working relationships with vendor representatives. Ability to express ideas clearly and concisely, orally and in writing. Ability to think logically and show attention and detail. Skills in planning, coordinating and scheduling projects.

MINIMUM QUALIFICATIONS

Bachelor's degree in Mathematics, Computer Science, Information Systems, Engineering, or related field, and three (3) years of experience in systems and/or database administration.

A comparable amount of education, training, or experience may be substituted for the minimum qualifications.

ADA REQUIREMENTS

Physical Demands: Sedentary work. Ability to see, talk, sit, grasp. Finger dexterity.

Environmental Demands: Inside work.

Mental Demands: Ability to perform advanced mathematical functions. Ability to read and comprehend technical manuals, professional journals, instructions, layouts and schematics. Ability to analyze data and develop conclusions. Ability to write instructions, letters, memos, and reports. Ability to speak clearly and concisely.