



Office of Human Resources  
IT Systems Administrator Staff - CI1449  
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### General Statement of Duties

Performs entry level professional information technology (IT) work installing and configuring operating system hardware and software and user application software; assists with the maintenance and repair of routine problems with system hardware and software.

### Distinguishing Characteristics

The Staff IT System Administrator is distinguished from the Associate IT System Administrator, which performs standard level professional information technology work installing and configuring operating system hardware and software and user application software; maintains and repairs routine to complex problems with system hardware and software.

The Staff IT System Administrator is also distinguished from the Senior IT System Administrator, which performs full performance professional information technology work planning and coordinating the installation and configuration of operating system hardware and software and user application software; maintaining and repairing complex problems, typically related to system failures, with system hardware and software; and modifying operating system hardware and software to increase performance and meet technical design requirements.

Finally, the Staff IT System Administrator is distinguished from the IT System Architect, which performs full performance information technology work in the planning, designing, developing, and monitoring of information systems utilized within an agency or throughout the city. Additionally, the IT System Architect possess knowledge, skills, and abilities in highly specialized areas (such as Windows, UNIX, Telecommunications, Data Network, and/or Storage Area Network), which provides strong support for the planning, designing, and developing functions performed by the position.

### Level of Supervision Exercised

None

### Essential Duties

Performs basic setup, installation, and configuration of the operating system (including hardware and software) and assists with the setup, installation, and configuration of new software releases and upgrades.

Creates and manages user directories and files on the server platforms.

Monitors, diagnoses, and resolves common operating system problems.

Assists with the troubleshooting, maintenance, repair of hardware, operating systems, and application software.

Assists with backup and recovery operations for a specific data system.

Assists with the evaluation and recommendation of various software and hardware solutions to meet user needs.

Assists with the development, maintenance, and publishing of custom user reports.

Performs other related duties as assigned or requested.

Any one position may not include all of the duties listed. However, the allocation of positions will be determined by the amount of time spent in performing the essential duties listed above.

### Competencies

Attention to Detail – Is thorough when performing work and conscientious about attending to detail.

Customer Service - Interacts with customers in a friendly and professional manner, works to resolve issues quickly and effectively, and is knowledgeable about products and services.

Oral Communication – Expresses information to individuals or groups effectively; taking into account the audience and nature of the information; makes clear and convincing oral presentations; listens to others, attends to nonverbal cues and responds appropriately.

Problem Solving – Identifies problems; determines accuracy and relevance of information; uses sound judgment to generate and evaluate alternatives, and to make recommendations.

Technical Competence – Uses knowledge that is acquired through formal training or extensive on-the-job experience to perform one's job; works with, understands, and evaluates technical information related to the job; advises others on technical issues.

Technology Application – Uses machines, tools, instruments, or equipment effectively; uses computers and computer applications to analyze and communicate information in the appropriate format.

Writing - Writes in a clear, concise, organized, and convincing manner for the intended audience.

### Knowledge & Skills

Knowledge of data processing hardware, monitors, operating system software, application programming and system configuration sufficient to be able to perform the duties related to the work assignment.

Knowledge of current networking and computer trends and technology.

Knowledge of network system hardware, network operating system software, data communications equipment and user-oriented application software packages sufficient to be able to troubleshoot and solve problems.

Knowledge of specifications, uses, and types of computer or computer related equipment.

Knowledge of electronic circuit boards, processors, chips, and computer hardware and software, including applications and programming.

Knowledge of computer network, desktop, server, and mainframe operating systems and their applications.

### Education Requirement

Bachelor's Degree in Computer Science, Information Systems, Business Administration, Mathematics or a related field.

### Experience Requirement

None

### Education & Experience Equivalency

One (1) year of the appropriate type and level of experience may be substituted for each required year of post-high school education.

Additional appropriate education may be substituted for the minimum experience requirements.

### Licensure & Certification

By position, requires a valid Driver's License at the time of application.

Licenses and certifications must be kept current as a condition of employment.

### Working Environment

Work is primarily performed in an office setting and frequently at other locations for meetings. Work involves pressure due to multiple calls and inquiries and is subject to interruption.

### Level of Physical Demand

1-Sedentary (0-10 lbs.)

### Physical Demands

(Physical Demands are a general guide and specific positions will vary based on working conditions, locations, and agency/department needs.):

Color vision: ability to distinguish and identify

Sitting: remaining in the normal seated position.

Handling: seizing, holding, grasping, or otherwise working with hand(s).

Talking: expressing or exchanging ideas by means of spoken words.

Hearing: perceiving the nature of sounds by the ear.

Repetitive motions: making frequent movements with a part of the body.

Eye/hand/foot coordination: performing work through using two or more.

Lifting: raising or lowering objects weighing no more than 10 pounds, from one level to another.

Agility: bends, stretches, twists, or reaches out with the body, arms, or legs.

Balancing: maintaining body equilibrium to prevent falling over.

Carrying: transporting an object; usually by hand, arm, or shoulder.

Crouching: bending body downward and forward by bending legs.

Depth Perception: ability to judge distances and space relationships.

Eye/Hand/Foot Coordination: performing work through the use of two or more.

Feeling: perceiving attributes of objects by means of skin receptors.

Feeling: perceiving attributes of objects by means of spoken word.

Field of Vision: ability to adjust vision to bring objects into focus.

Field of Vision: ability to see peripherally.

Fine Dexterity: Coordinate eye-hand to operate a vehicle, reach, hold, grasp and turn objects.

Fingering: picking, pinching, or otherwise working with fingers.

Handling: seizing, holding, grasping, or otherwise working the hand(s).

Handling: seizing, holding, grasping, or otherwise working with fingers.

Hearing/Talking: Hear and determine direction of sound.

Hearing: perceiving the nature of sound by the ear.

Kneeling/Crouching: Kneel and crouch in locating and capture of animals.

Kneeling: bending legs to come to rest on one or both knees.

Mathematical reasoning

Memorization

Mental Demands: mathematical reasoning, memorization, oral comprehension, spatial orientation, and written comprehension.

Neck Flexion: Moving neck upward/downward.

Oral Comprehension

Physical Strength: exerts maximum muscle force to lift, push, pull, or carry objects and performs moderately laboring work.

Pulling: Exerting force upon an object so that it is moving to the person

Pushing: exerting force upon an object so that the object is moving away from the person.

Standing: remaining one one's feet in an upright position.

Stooping: Bending the body by bending the spine at the waist.

Talking: Expressing or exchanging ideas by means of spoken words

Vision Far acuity: ability to see clearly at 20 feet or more.

Vision Near acuity: ability to see clearly at 20 inches or less.

Vision: To observe animal behavior, read signs, and reading colors.

Walking: moving about on foot.

Written Comprehension.

### Background Check Requirement

Criminal Check

Education Check

By position, Motor Vehicle Record

### Assessment Requirement

None

### Probation Period

Six (6) months.

### Class Detail

**Pay Grade: I-622**

**FLSA Code: N**

**Established Date: 9/21/2018**

**Established By: LS**

**Revised Date:**

**Revised By:**

**Class History:**