

**COMPETENCY MODEL FOR
INFORMATION SYSTEMS OPERATIONS MANAGER (1411)**

The following competencies have been identified as those that best separate superior from satisfactory job performance in the class of **INFORMATION SYSTEMS OPERATIONS MANAGER**. (Numbers refers to the order of the competencies in the Competency Bank.)

- 3. Judgment and Decision Making
- 13. Stress Tolerance
- 20. Job Knowledge
- 28. Supervision
- 29. Fact Finding
- 47. Written Communication
- 48. Shares Knowledge and Information
- 52. Workforce Management

On the following pages are descriptions of each competency, including a definition, the level of the competency required for the class (*italicized*, **bolded**, and underlined), examples of behavioral indicators, and satisfactory and superior performance levels.

3. JUDGMENT AND DECISION MAKING – Accurately assesses situations, seeks new information if necessary, and applies all available information to reach sound conclusions/formulate effective response.

Level of Competency Required by Job:

Level 1: Training and guidelines needed to respond to immediate situations within very specific function are provided (or supervisor available to assist).

Level 2: *General information and guidance to assist in responding to a variety of situations across a range of circumstances are provided.*

Level 3: Little guidance available for responding to a wide range of complex situations with far-reaching and/or enduring consequences.

Examples of Behavioral Indicators:

- Effectively responds to atypical situations.
- Asks questions or otherwise obtains additional relevant information to make a decision.
- Formulates a decision and necessary actions based on available facts.
- Correctly infers appropriate response based on information provided and existing policies, personal experience, and/or consultation with others.
- Discusses conclusions/possible responses with others before taking action as necessary.
- Considers impact of decisions on all affected parties.

Performance Levels:

Satisfactory

Correctly assesses routine and unusual situations and reaches appropriate conclusions for actions needed. Obtains additional information and/or consults with others as necessary.

Superior

Evaluates new situations accurately to establish an appropriate response or plan of action. Recognizes the impact on all affected parties, as well as the possible ramifications and/or repercussions of setting a precedent.

13. STRESS TOLERANCE – Maintains effective performance when under pressure, confronted with opposition or criticism, and/or when the situation is dangerous.

Level of Competency Required by Job:

Level 1: Assignment may include varied or heavy workload; new tasks may need to be learned; members of the public and, at times, co-workers may be rude.

Level 2: ***Insufficient staff or resources may be available to accomplish work. Priorities/objectives may be unclear and/or direction uncertain. Role ambiguity regarding responsibilities may exist. May encounter disagreement or criticism when performing job activities.***

Level 3: Presentation and defense of position in a public forum, which at times entails facing opposition, may be required. Work environment may be fast-paced and one in which urgent decisions must be made. Making life-or-death decisions may be necessary.

Examples of Behavioral Indicators:

- Remains composed and focused on the task at hand in the presence of obvious stressors.
- Understands that rudeness or opposition is not typically personal attacks.
- Continues to make good decisions under urgent circumstances or when in danger.
- Soothes others who are more adversely affected by stress.

Performance Levels:

Satisfactory

Continues to perform effectively under stressful circumstances.

Superior

Acknowledges stress, but appears to be unaffected by it. Concentrates extra effort on accomplishing the task at hand. Assists others with effective coping.

20. JOB KNOWLEDGE – Knows information required to perform a specific job. Includes both widely available courses of study (for example, chemistry, human resources management, graphic arts) and City-specific information (parking regulation and ticketing practices; purchasing procedures; provisions of the City Charter).

Level of Competency Required by Job:

Level 1: Knowledge acquired after hire in a brief orientation, short training program, or through on-the-job training.

Level 2: Knowledge acquired through an apprenticeship or extensive training program, or long duration of job performance.

Level 3: Knowledge acquired through a prolonged external course of study and/or extensive training and experience within the City.

Examples of Behavioral Indicators:

- Performs work correctly/avoids technical (job content related) errors.
- Answers technical questions about work accurately.
- Asks few technical questions about the performance of routine work activities.
- Offers advice (“coaching”) to new employees regarding their work.
- Develops training programs for other employees.

Performance Levels:

Satisfactory

Sufficient job knowledge to perform work correctly independently. Answers technical questions about work correctly.

Superior

Expertise in technical job information sufficient to serve as a resource to others. May develop training manuals/programs and/or give internal and/or external presentations related to work.

Job Knowledge Areas

1. Knowledge of the tasks carried out by information technology work groups, such as computer operations, documentation, production control, applications programming, technical support, and administration, sufficient to know who to consult with to solve various problems.
2. Knowledge of the basic functions of computer operating sub-systems, such as Job Entry Subsystem (JES), Virtual Telecommunications Access Method (VTAM), and Customer Information Control System (CICS), sufficient to communicate with users and vendors about problems with the sub-systems/tasks and their effect on the operating system.
3. Knowledge of computer terminology, such as set-up and Job Control Language (JCL), sufficient to communicate with operations personnel and systems and programming personnel, in order to resolve data processing problems or to obtain data processing information.
4. Knowledge of the basic functions of peripheral data processing equipment, printers, and controllers, sufficient to understand the impact of problems with the equipment and to know what action to take when problems with the equipment occur.
5. Knowledge of information technology hardware and software monitoring, such as servers, mainframe, and databases, sufficient to investigate and solve various technical problems and determine the impact the problems may have on users and the critical functions of the City and/or a Department and make appropriate call-outs.
6. Knowledge of information technology products and procedures related to the City and/or a department sufficient to evaluate new and existing products and proposed procedures, including by reading the procedures, directing staff to perform tests of the procedures, reviewing test results, and consulting with specialists, in order to determine if the new procedure or product should be purchased or implemented.
7. Knowledge of disaster recovery practices and emergency operating practices and procedures, including power failure and air conditioning failure, general knowledge of uninterruptable power supply (UPS), and diesel generators, sufficient to direct subordinates in taking appropriate action, such as powering-down the operating system's devices without internal damage to software or equipment, when emergencies occur.
8. Knowledge of the environmental considerations of data center operations, such as air conditioning, temperature control, smoke detectors, sprinkler systems, emergency alarms, and power and chilled water requirements, sufficient to detect unsafe environmental conditions and take proper corrective action when discovered.

28. SUPERVISION – Ability to assume direct responsibility for all aspects of the performance of a work group, which requires knowledge and/or ability in the areas of:

- Planning and goal setting
- Creating a safe and positive work environment
- Establishing standards and training employees
- Motivating employees and teambuilding
- Performance Management (assigning, monitoring, facilitating, reviewing and evaluating work, and providing feedback)
- Supporting and developing employees through delegation and participation
- Taking disciplinary action including progressive discipline
- Provisions of employees' MOU's and handling grievances
- Legal requirements including EEO, ADA, FLSA, FMLA, and Workers' Compensation provisions
- Civil Service Commission Rules and Policies related to the management of employees
- Administrative Code provisions related to the management of employees
- Budget processes sufficient to request and justify expenditures in a correct and timely manner

Level of Competency Required by Job:

Level 1: Supervises small workgroup of employees performing the same or highly related work.

Level 2: Supervises a larger workgroup of employees performing various types of work.

Level 3: Supervises employees including provision of coaching and advice to subordinate supervisors.

Examples of Behavioral Indicators:

- Plans, assigns, and monitors work progress.
- Trains employees to do work.
- Evaluates work and gives positive and negative feedback.
- Displays knowledge of legal requirements including applicable Federal and State laws, Administrative Code provisions, Civil Service Commission Rules and Policies, and MOU provisions.

Performance Levels:

Satisfactory

Proficiency in supervision sufficient to supervise a workgroup in terms of task orientation, interpersonal concerns, and personnel administration.

Superior

Proficiency in supervision sufficient to serve as a resource to others and/or represent department position in a public forum.

29. FACT FINDING – Obtains required information through questioning, review of existing materials, or securing new materials to answer a question or address a problem.

Level of Competency Required by Job:

Level 1: Look up information available in the workplace (including use of the internet) or by asking questions of co-workers or supervisor.

Level 2: Interview individuals and/or obtain necessary information from files, the library, and/or the internet.

Level 3: Conduct in-depth interviews/interrogations or depositions. Locate obscure reference material containing germane information by correctly identifying needed information, making logical inferences regarding where it might be available, and discerning from newly acquired information relevant additional materials.

Examples of Behavioral Indicators:

- Asks a series of insightful questions in a logical order.
- Correctly identifies persons most likely to have the needed information.
- Listens carefully to responses from others to discern all relevant information stated.
- Makes logical assumptions about where certain types of information might be found; or asks others who are likely to know.
- Persists in locating relevant information until a sufficient amount is available to permit answering question or addressing the problem fully.

Performance Levels:

Satisfactory

Obtains necessary information through scrutiny of existing files and other resources, correctly identifying and obtaining other sources of information, and/or asking questions.

Superior

Exhibits great insight in identifying who would have certain information, or in what materials it might be located. Carefully crafts questions to extract needed information. Persists until sufficient information is gathered to formulate a logical conclusion.

47. WRITTEN COMMUNICATION – Communicates effectively in writing.

Level of Competency Required by Job:

Level 1: Write notes/e-mails. Completes forms with some open-ended responses (sentences).

Level 2: Write letters, articles/reports, and/or detailed descriptions of activities/occurrences.

Level 3: Write lengthy reports, instruction manuals, in-depth analyses/ reviews of complex issues and/or articles for publication. Reviews the written work of others.

Examples of Behavioral Indicators:

- Writing includes the necessary information to convey the intended message.
- Sufficiently few errors in spelling, punctuation, grammar to not interfere with the intended message or distract the reader.
- Little editing or re-writing needed to produce a final product.
- Composes materials efficiently.
- Information is presented in a well organized manner.
- Tone and degree of formality are appropriate to the purpose and audience.

Performance Levels:

Satisfactory

Writes material that clearly communicates the necessary information; needs little editing.

Superior

Precisely uses words and organizes information in a way that enhances presentation of the message. Virtually no editing needed.

48. SHARES KNOWLEDGE AND INFORMATION – Conveys all information relevant to each involved party in a thorough and timely manner.

Level of Competency Required by Job:

Level 1: Provide job-related information as it becomes available to others who are likely to need it or to whom it might be helpful.

Level 2: Keep all involved parties informed of work/project progress and other new information. Tailors content, level of detail, and timing of information provided to the perspective of each recipient

Level 3: Recognize different needs for different information and provide all affected parties with a description of the “big picture” as well as the breadth and detail of information relevant to their perspective.

Examples of Behavioral Indicators:

- Provides thorough explanations with all relevant details.
- Uses multiple means of communicating (e.g., e-mail, telephone, meetings).
- Provides status reports of work/project progress to all involved parties.
- Informs others of changes at the earliest feasible time.
- Uses multiple addressees and “copies” others so all parties see exactly the same information and know who already has been informed.
- Draws from job knowledge and work experience to provide thorough descriptions and explanations.

Performance Levels:

Satisfactory

Readily communicates new, job-related information to all employees to whom it is relevant. Provides a level of detail and explanation appropriate to the recipient.

Superior

Ensures that all involved parties are provided the maximum amount of information feasible in as timely a manner as possible to facilitate work/project status. Shares job knowledge and experience to serve as a mentor or coach to others.

52. WORKFORCE MANAGEMENT – Structures workgroups and their interrelationships in a way that facilitates accomplishment of organizational goals; attracts talent and places individuals in positions to maximize productivity and staff development. Ensures proper training is provided.

Level of Competency Required by Job:

- Level 1: Ensure various workgroups are staffed sufficient to accomplish their respective missions and with complementary skills where appropriate.
- Level 2: Examine the structure of each workgroup to ensure optimal staffing, the interrelationships of workgroups to maximize coordination and efficiency, and the placement of individuals to optimally use or develop their capabilities; make adjustments as warranted.

Level 3: Ensure that structure, staffing, interrelationships, placement of individuals for productivity/development are optimal. Identify needed competencies and ensure well-qualified candidates are recruited. Identify problems with the operation and/or staff performance and determine a solution.

Examples of Behavioral Indicators:

- Considers the workforce and its operation as a whole.
- Recognizes the need to balance optimal placement of staff for the organization with individual developmental needs.
- Recognizes the tradeoffs of bringing in new staff versus developing existing staff.
- Re-assigns staff as warranted.
- Re-structures the organization as warranted.
- Addresses problem performers.

Performance Levels:

Satisfactory

Ensures efficient operation of the organization and makes necessary adjustments. Balances productivity and staff development.

Superior

Redesigns organization as necessary to achieve maximum productivity and staff development. Balances bringing in new staff with developing current employees.