

CITY OF ST. LOUIS CLASSIFICATION SPECIFICATION

CLASSIFICATION

TITLE: Computer Programmer II

CLASS CODE: 1332

GENERAL DESCRIPTION OF DUTIES:

Incumbents in this classification write and test computer programs in addition to maintaining existing programs and providing user support.

DISTINGUISHING CHARACTERISTICS:

This is a journey-level technical classification in the Data Processing Series – Computer Programmer Group job family within the City of St. Louis. Incumbents within this classification perform moderately complex to complex duties with a variety of related tasks. The distinguishing characteristics of this classification within the series include the performance of computer programming duties.

Incumbents work under general supervision. While workers require some supervision in most assignments, they are free to develop their own work sequences within established procedures, methods and policies. They are generally subject to periodic supervisory checks.

EXAMPLES OF WORK (Illustrative Only):

(The list of duties is intended to be representative of the duties performed in positions within this classification. It does not include all the duties that may be assigned to a position and is not necessarily descriptive of any one position in this class.)

Designs and writes computer programs to support departmental needs; tests and debugs programs.

Maintains existing programs and modifies older programs to meet new needs.

Documents programs using flow charts and detailed narratives.

Creates and modifies job control language.

Assists users with problems; may write user and operations manuals; may provide training to users.

KNOWLEDGE, SKILLS AND ABILITIES:

Data Utilization:

Requires the ability to perform mid-level data analysis including the ability to audit, deduce, assess, conclude and appraise. Requires discretion in determining and referencing such to established criteria to define consequences and develop alternatives.

Human Interaction:

Requires the ability to provide guidance, assistance and/or interpretation to others, such as co-workers and the public, on how to apply policies, procedures and standards to specific situations.

Equipment, Machinery, Tools and Materials Use:

Requires the ability to operate, calibrate, tune and synchronize, and perform complex rapid adjustment on equipment, machinery and tools such as a computer terminal, personal computer and/or related materials used in performing essential functions.

Verbal Aptitude:

Requires the ability to utilize a variety of reference, descriptive and advisory data and information such as program specifications, technical operating manuals, work requisitions, run books, procedures, and non-routine correspondence.

Mathematical Aptitude:

Requires the ability to perform addition, subtraction, multiplication and division; calculate percentages, and decimals.

Functional Reasoning:

Requires the ability to apply principles of rational systems. Ability to interpret instructions furnished in written, oral, diagrammatic or schedule form. Ability to exercise independent judgment to adopt or modify methods and standards to meet variations in assigned objective.

Situational Reasoning:

Requires the ability to exercise the judgment, decisiveness and creativity required in situations involving the evaluation of information against measurable or verifiable criteria.

Environmental Factors:

Work is normally performed in an office environment under generally safe and comfortable conditions where exposure to irate individuals poses a very limited risk of injury.

Physical Requirements:

Tasks involve the ability to exert light physical effort in sedentary to light work, but which may involve some lifting, carrying, pushing and pulling of objects weighing five to ten pounds, such as peripheral computer equipment.

Tasks may involve extended periods of time at a keyboard or workstation.

Sensory Requirements:

Requires the ability to recognize and identify individual characteristics of colors, shapes and sounds associated with job-related objects, materials and tasks, such as testing computer programs.

The City of St. Louis is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the City of St. Louis will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the City.