GENERIC POSITION DESCRIPTION

SENIOR PROGRAMMER II
A Classified Professional Position
Grade 220S – Salary Schedule 40

A. General Statement

The Senior Programmer II performs technical supervisory work with responsibility as a project leader for application programming and project supervision. Under administrative direction, the employee assumes responsibility for the direct supervision of systems and programming functions, communicates as needed with District operational units, is instrumental in the development of application systems, and performs the more technical portions of application programming projects. The Senior Programmer II plans for future system development, keeping abreast of the latest developments in hardware and software. Public contact is extensive and includes District staff, District operational units, and software/hardware vendors. A high degree of independent judgment is required to resolve both major and minor problems that occur. Consequences of errors in judgment are costly in employee time and public relations. The Senior Programmer II classification is distinct from other programming classifications by the nature of the tasks assigned, the level of supervision received, and the previous experience required. The Senior Programmer II directs, manages and evaluates the work of senior-level and other programmers and programmer analysts.

B. Duties & Responsibilities

The duties below are representative of the duties of the classification and are not intended to cover all of the duties performed by the incumbent(s) of any particular position. The omission of specific statements of duties does not exclude them from the position if the scope of work is similar, related, or a logical assignment to this classification.

1. Develops, in consultation with staff and operational units, specifications for application systems
2. Attends meetings, workshops and conferences to obtain and provide updated information
3. Designs online and batch application systems which meet the specifications and make effective use of the system environment; manages the programming required to implement online and batch application systems, defining, directing and evaluating the work of staff on various projects
4. Codes the more complex and critically important portions of application systems
5. Provides clear and complete documentation for the application systems, including their program logic and method of operation
6. Designs and implements appropriate procedures for testing and debugging the application systems

7. Conducts application software maintenance, including the review of already implemented systems for accuracy and efficiency, implementing modifications in the software and documentation where appropriate
8. Schedules, coordinates, supervises, and evaluates the work of staff on special projects
9. Researches, tests and introduces new information system technologies
10. Provides technical advice and services to operational units in conjunction with other staff
11. Recommends new or modified procedures for implementation in user departments
12. Engages in specialized self-directed projects as assigned
13. Performs other related duties as assigned

C. Requirements
1. An Associate in Arts Degree from an accredited institution in computer science, data processing, electronics technology, network technology or a closely related field
2. Success work experience of increasing responsibility which has included proficiency with several programming languages, including C and COBOL with embedded SQL, PL/SQL Oracle development tools and utilities, such as Toad, Hyperion, Evisions, Argos, XML, HTML, as well as application programming and project leadership
3. Skill in training, directing, and evaluating the work of others
<p align="center">OR</p>
<p align="center">An acceptable equivalent combination of education and experience</p>

D. Physical/Other Requirements
This classification requires sitting or standing for prolonged periods of time, dexterity of hands and fingers to operate a computer keyboard, touch screen and mouse

E. Knowledge, Skills & Abilities
1. Knowledge of current application programming methods in a telecommunications, database environment
2. Skill in the use of PL/1, COBOL and/or IBM Assembler; IBM's Document Composition Facility, REXX and XEDIT under VM/SP and the IBM Screen Definition Facility
3. Skill in writing and debugging CICS/VS, DL/1 application programs
4. Skill in the use of IBM VSE/SP JCL and VM/SP environments
5. Skill in designing efficient application systems in an online or batch mode, including database access methods
6. Skill in designing and using effective testing procedures
7. Skill in working independently and in directing and evaluating the work of others
8. Skill in written and oral communication
9. Ability to relate effectively with persons of varying backgrounds, cultures and language groups

(3/2015)