

## PROGRAMMER III

### NATURE AND VARIETY OF WORK

This is senior/lead level technical work in the development of computer programs or data processing systems. Incumbents work independently participating in project organization and scheduling. Work is performed under the general supervision of a higher level supervisor and is evaluated in terms of technical accuracy and application. Incumbents provide technical guidance to subordinate programmers on programming assignments and on the development of documentation.

### EXAMPLES OF WORK (ILLUSTRATIVE ONLY)

Prepares program logic flow charts, reviews program coding, prepares test data, and analyzes test results.

Reports project progress and activity to higher graded programmer or programmer personnel.

Designs and modifies flow charts, storage layouts, and processing procedures.

Operates programs in systems tests for debugging and related refinement.

Leads subordinate level programmers in all phases of programmed work.

Required to make decisions based on factual data to evaluate the adequacy of completed programs by comparing program test and operating runs with prescribed standards of terminology, accuracy, and time.

Compiles documentation of program development and subsequent revisions.

May be required to use automated equipment in conjunction with assigned duties and responsibilities.

Willingly and cooperatively performs tasks and duties which may not be specifically listed in the class specification or position description, but which are within the general occupational category and responsibility level typically associated with the employee's class of work.

REQUIRED KNOWLEDGES, SKILLS AND ABILITIES

Considerable knowledge of the principles and practices required to implement and execute the preparation of sound programming.

Considerable knowledge of coding and translating practices necessary for programming instructions for automated systems and related equipment.

Ability to interpret systems statement, develop general and detailed computer flow charts, and prepare block diagrams that indicate hardware configuration.

Ability to perceive pertinent detail in charts, diagrams, and code sheets composed of symbols.

Ability to direct, control, and plan development of business data programs that will meet current and future needs.

MINIMUM QUALIFICATIONS

Graduation from high school supplemented by formal advanced courses in programming, accounting, business, public administration, plus two (2) years of programming experience; or equivalent combination of education, training and experience.

CREATED: 6/69

REVISED: 10/88