PROGRAMMER ANALYST

PURPOSE AND NATURE OF WORK

This is professional data processing work involved with defining problems in computer applications and developing and testing possible solutions. Employees of this class are responsible for identifying data elements, program logic and equipment requirements for each step in the development of an application. May give general direction to Programmers. Positions report to an Information Services Technology Manager, Customer Information System Administrator, Chief Communications Engineer, or Network Engineering & Operations Supervisor.

ILLUSTRATIVE EXAMPLES OF WORK (Note: These examples are intended only to illustrate the various types of work performed by incumbents in this class. All of the duties performed by any one incumbent may not be listed, nor does any incumbent necessarily perform all of these duties.)

Reviews proposed applications, interviews users, gathers information, studies equipment requirements, and develops procedures to accomplish objectives of the application. Describes use of equipment, duties of clerical users, program controls, and security measures to meet specific application needs. Writes programs and job controls. Maintains documentation of work. Analyzes current operations to determine possible improvements in application design. Defines detailed specifications for programmers. Supervises and participates in the programming activities of the division. Tests new applications to ensure that project objectives have been accomplished. Maintains existing applications to meet the changing needs of users.

Performs related work as required.

NECESSARY KNOWLEDGE, ABILITIES, AND SKILLS

Considerable knowledge of relevant programming languages.
Knowledge of methods used to graphically represent data processing.
Knowledge of data processing application design and implementation.
Knowledge of system software and hardware.
Ability to recognize need for, or potential for, improvements in data processing applications.
Ability to establish effective relationships and communicate effectively with City-Parish officials and employees.

DESIRABLE TRAINING AND EXPERIENCE

Bachelor's degree in computer science or related field and experience in computer programming and application design; or any equivalent combination of training and experience.