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NASSAU COUNTY
SCHOOL DISTRICTS
CLASS SPECIFICATION

Title : SENIOR PROGRAMMER
Code: 030128 BQI
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Competitive

GENERAL STATEMENT OF DUTIES

Performs complex programming duties and supervises programmers, computer operators and clerical personnel; performs related duties as required.

COMPLEXITY OF DUTIES

Under general supervision, this is important complex technical work involving the analyzing and appraising of subject matter to determine feasibility for electronic data processing and the preparation of complex programs. Supervision is exercised over subordinate personnel.

TYPICAL DUTIES

1. Prepares flow charts and block diagrams and translates data into instruction programs.
2. Prepares machine instructions based on determined operating procedures.
3. Tests and checks complex machine programs.
4. Assigns, directs and reviews the work of subordinate programmers and other employees engaged in data processing.
5. Analyzes and appraises subject matter for feasibility for electronic data processing.

FULL PERFORMANCE KNOWLEDGES, SKILLS, AND ABILITIES

1. Considerable knowledge of the current methods and techniques of data processing.
2. Considerable knowledge of the use and capabilities of the business applications of data processing machines and equipment.
3. Some knowledge of the principles of methods and procedures analysis.
4. Ability to analyze and comprehend complex data processing problems and to make recommendations concerning their solution.
5. Ability to assign and review work of programmers and other subordinate personnel.
6. Ability to express ideas clearly and concisely both orally and in writing.

MINIMUM QUALIFICATIONS

Training and Experience

Bachelor's degree from a regionally accredited or New York State registered college or university with course work in programming for electronic data processing and

Two years of experience in programming for electronic data processing.

NOTE: Experience, as outlined above, in excess of the two-year requirement, may be substituted for college education and course work on a year-for-year basis up to a maximum of four years.

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