

## COMPUTER PROGRAMMER II

NATURE OF WORK IN THIS CLASS:

This is complex technical electronic computer programming work.

Employees in this class perform the full range of complex technical computer programming duties of wide scope and complexity.

ILLUSTRATIVE EXAMPLES OF WORK: (These examples do not list all the duties which may be assigned; any one position may not include all the duties listed.)

Reviews and analyzes a wide range of predetermined program specifications for completeness and compatibility with computer programming capabilities.

Converts program information and specifications into the basic logic patterns used by the electronic computer through the use of block diagrams, flow charts or other appropriate graphic means.

Translates graphic forms of prepared logic into appropriate symbolic machine language.

Analyzes block diagrams, flow charts, or other prepared graphic forms of basic logic for errors in logic and machine capabilities.

Selects and prepares input data which will verify a program's intended effectiveness.

Analyzes, reviews and rewrites programs in order to increase the efficiency of a computer operation or adapt it to new requirements.

Writes detailed documentation and operating instructions for computer operators.

Assists computer systems analyst in testing and de-bugging programs by interpreting machine halts and correcting error conditions.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of the principles and practices of electronic data processing.

Knowledge of computer programming principles, techniques and practices.

Knowledge of computer capabilities.

Ability to think logically and apply sound judgment in analyzing and organizing problems or work processes for computer solution.

Ability to work effectively with employees and the public.

Ability to communicate effectively, orally and in writing.

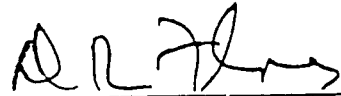
## Computer Programmer II

Skill in devising detailed machine instructions and logic.

### MINIMUM EXPERIENCE AND TRAINING:

- a) Two years of experience as a Computer Programmer I or equivalent work and graduation from a recognized college or institution with an Associate's degree in computer science or related field; or
- b) Any equivalent combination of experience and training which provides the minimum knowledge, abilities and skills.

Established: July 1980



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DAVID R. FLORES, Executive Director  
Civil Service Commission