

CLASS SPECIFICATION
SAN DIEGO CITY CIVIL SERVICE COMMISSION
PROGRAMMER ANALYST III - 1749

DEFINITION:

Under direction, to analyze crime analysis system requirements; to design, program, test, and maintain the more complex data management and crime analysis programs and systems in the Police Department; and to perform related work.

DISTINGUISHING CHARACTERISTICS:

This is the fully experienced or journey-level class in the Programmer Analyst series. Employees of this class are expected to perform the full range of duties assigned with only minimal instruction or assistance as new or unusual situations arise, and are fully aware of the procedures and policies of the work unit. In a training capacity, positions classified at this level may be underfilled with a Programmer Analyst I or II, in accordance with the City's Career Advancement Program.

* **EXAMPLES OF DUTIES:**

- Assists in analyzing crime analysis system and program requirements by collecting and evaluating operating and information requirements from department users;
- Designs, programs, tests, and modifies crime analysis systems and programs to meet user needs;
- Writes programs in Java, Python, Javascript, C++, C#, PHP, and Perl computer languages;
- Writes program documentation;
- Maintains, debugs, and upgrades on-line software;
- Trains Police Department users in the use of new crime analysis systems;
- Assists in maintaining system hardware.

MINIMUM QUALIFICATIONS:

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Description for updated minimum qualifications: <https://www.governmentjobs.com/careers/sandiego/classspecs>.

A Bachelor's degree in Computer Science or Mathematics, **OR** any Bachelor's degree with a minimum of 24 semester or 36 quarter units in Computer Science; **AND** two years of professional computer programming experience, equal to the minimum qualifications for Programmer Analyst II with the City of San Diego.

- * **EXAMPLES OF DUTIES** performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.