

**CLASS SPECIFICATION**

**SAN DIEGO CITY CIVIL SERVICE COMMISSION**

**CRIMINALIST II – 1384**

**DEFINITION:**

Under direction, to perform a wide variety of professional criminalistics work in a number of complex specialty areas in the Police Crime Laboratory, such as forensic serology/D.N.A., firearms examination, trace evidence analysis, and narcotics analysis; and to perform related work.

**\* EXAMPLES OF DUTIES:**

- Performs complex chemical, biological and physical analysis of blood, fibers, narcotics, and other forms of evidence;
- Performs computer analysis on digital devices;
- Makes physical examinations and comparisons of firearms, bullets, and shoe/tire impressions;
- Performs or directs photographic work;
- Prepares evidence for presentation in court and testifies as an expert witness;
- Surveys and searches crime scenes to discover evidential material;
- Develops evidence in the field by making castings of imprints and developing latent fingerprints;
- Develops, defines, and creates criminalistic procedures and techniques;
- Instructs police officers in criminalistic techniques;
- Provides technical information and assistance to private organizations and other governmental and law enforcement agencies;
- Researches and provides City Attorney's with information on drug chemistry to properly classify chemical structures;
- Conducts research projects;
- Tests new laboratory equipment, techniques, and procedures;
- Recommends and requisitions technical supplies and equipment;
- Prepares reports and keeps records.

**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>.

College graduation with a Bachelor's Degree in Criminalistics, Forensic Science, Biochemistry, Chemistry, Biology, Microbiology, Digital Forensics, Computer Forensics, Computer Science, or another physical or biological science, which must include the

- \* **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.

following course work: 8 semester/12 quarter college-level units in general chemistry and 3 semester/4 quarter college-level units in organic chemistry or biochemistry; **AND** two years of full-time professional Criminalistics experience in one or more of the following areas: firearms identification; forensic biology; crime scene reconstruction; narcotic analysis; blood alcohol analysis; trace evidence analysis; toxicology analysis; digital forensics; or computer forensics.