

**REQUIREMENTS FOR  
ADMITTANCE TO THE  
EXAMINATION**

All applicants must meet the education and/or experience requirements for this examination the final filing date. Experience applicable to one of the following patterns may be combined a proportional basis with experience applicable to other patterns to meet the total experience requirement.

**MINIMUM  
QUALIFICATIONS**

**EDUCATION:** Equivalent to graduation from college with a major in one of the physical biological sciences, including the equivalent of eight semester hours of general chemistry and the semester hours of quantitative analysis. **Registration as a senior in a recognized institution will admit applicants to the examination but they must produce proof of graduation or equivalent before they are eligible for appointment.** Candidates who have graduated from college with a major in one of the physical or biological sciences, including the eight semester hours of general chemistry, but do not possess the three semester hours of quantitative analysis will be admitted to the examination, **but they must produce proof of completion of the three semester hours of quantitative analysis before they are eligible for appointment.**

**DEFINITION OF TERMS  
IN MINIMUM  
QUALIFICATIONS**

**PHYSICAL OR BIOLOGICAL SCIENCES**

**APPROVED:** Chemistry (any type), biochemistry, biology, physics, geology, mineralogy, petrology, chemical engineering, forensic science, pharmacology, microbiology, molecular biology, biological sciences, immunology, entomology and criminalistics.

**NOT APPROVED:** Astronomy, meteorology, agriculture, business science, engineering, health sciences and agricultural sciences.

**THE POSITION**

The Criminalist is the entry, training and subjourney level for the series. Criminalists will perform routine and less complex technical laboratory analyses and assist higher level Criminalists in the examination of crime scenes and in the scientific investigation of crimes.

**SPECIAL PERSONAL  
CHARACTERISTICS**

Tact, patience, and keenness of observation.

**EXAMINATION  
INFORMATION**

This examination will consist of a supplemental application. In order to obtain a position on the eligible list, a minimum rating of 70.00% must be attained.

**SUPPLEMENTAL APPLICATION - WEIGHTED 100%**

**SCOPE**

In addition to evaluating the competitors' relative abilities as demonstrated by quality and breadth of experience, emphasis in the examination will be measured competitively, relative to the demands on each competitor's:

Knowledge of:

1. Scientific methods and techniques used in examining crime scenes.
2. Tests for the identity and comparison of blood and physiological fluids.
3. Tests for explosives and flammable materials.
4. Toxicological analyses.
5. Tests of hair and fibers, glass, soil, paint, and similar materials and equipment necessary to conduct these tests.
6. Modern methods and techniques in investigations of major crimes.
7. Current trends in toxicology, general chemistry and microchemistry.
8. Modern types of small arms and the techniques of conducting all types of firearms, bullet and tool mark comparisons.
9. Methods used in the examination of documents in criminal cases.
10. Photographic and photomicrographic principles and practices as applied to Criminalists.
11. Chromatographic techniques.