

City of Los Angeles
Personnel Department

**CRIMINALIST (2234)
TRAINING AND EXPERIENCE QUESTIONNAIRE**

CERTIFICATION (Must be completed)

I UNDERSTAND that to be considered a candidate for this examination, I MUST provide complete answers to all questions on the Training & Experience Questionnaire in the spaces provided. I UNDERSTAND that leaving any answers blank or not answering the question asked (i.e., responding 'N/A,' 'does not apply,' 'see resume,' or 'see attachment') is considered an incomplete answer and by doing so, I understand that my application will not be processed any further and I will not be a candidate in this examination. (NOTE: You may access the link to the questionnaire from the online bulletin or you may copy the link listed below: <http://per.lacity.org/exams/2234Sup.pdf>)

I CERTIFY that the Training and Experience Questionnaire (T&E) and all of the responses to the questions are true and complete, and were authored, written, edited, reviewed for content, and prepared in their entirety solely by me with no assistance from others. I UNDERSTAND that receiving assistance from others in responding, editing, revising or reviewing my answers to the questions and/or providing false, misleading, or incomplete information shall be sufficient cause for disqualification in this examination, dismissal, and other penalties as may be prescribed by law.

PART I - For each item listed below, indicate in the box provided, the letter that best describes your experience in analyzing that material, substance, or surface.

- A - I have never been trained in or performed this activity.
- B - I have been trained in the activity, but have not performed it.
- C - I have been trained in this activity and have performed it in a classroom/laboratory.
- D - I have assisted others in performing this activity on the job.
- E - I have performed this activity on my own on the job.
- F - I have performed this activity on my own on the job and have directed others in its performance.

ITEMS OF EVIDENCE	EXPERIENCE LEVEL
1. Blood for Alcohol	
2. Blood for Drugs	
3. Urine for Drugs	
4. Identification of Body Fluids	
5. DNA Typing via STR Markers	
6. DNA Sequencing	
7. MtDNA Sequencing	
8. DNA Amplification	
9. DNA Extraction	
10. Fired Bullets	
11. Fired Cartridge Cases	
12. Operability of Firearms	
13. Gunshot Residue	
14. Tools & Tool Marks	
15. Serial Number Restoration	
16. Explosives	
17. Fire Debris Evidence Including Accelerants	
18. Hair	
19. Metals	
20. Poisons	
21. Paint	
22. Fabric	
23. Glass	
24. Ink	
25. Paper	
26. Soil	
27. Drugs	

PART II – Please provide a description of your education, training, and/or experience for each of the activities for which you have indicated a rating of “A to F” on the questions above. Indicate the organization (name of school, employer, military, etc.) where the greatest amount of training and/or experience was gained as indicated on your application. You must limit your response to the space provided. If you do not have this training, indicate N/A.

1. Blood for Alcohol, Blood for Drugs, Urine for Drugs

2. Identification of Body Fluids

3. DNA Typing via STR Markers, DNA Amplification, DNA Extraction

4. DNA Sequencing, MtDNA Sequencing

5. Fired Bullets, Fired Cartridge Cases, Tools & Tool Marks

6. Operability of Firearms

7. Gunshot Residue

8. Serial Number Restoration

9. Explosives

10. Fire Debris Evidence Including Accelerants

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11. Hair, Microscopic Fabric

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12. Metals, Poisons, Glass, Ink, Paper, Soil

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13. Paint

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14. Drugs

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PART III - For each item listed below, indicate the highest level of experience you have in operating that type of equipment. Your responses should be based on the following scale:

A - I have never been trained in or operated this equipment.

B - I have been trained in the use of this equipment, but have not operated it.

C - I have been trained in the use of this equipment and have operated it in a classroom/laboratory.

D - I have assisted others in operating this equipment on the job.

E - I have operated this equipment on my own on the job.

F - I have operated this equipment on my own on the job and have directed others in its operation.

INSTRUMENT	EXPERIENCE LEVEL
1. Gas Chromatograph	
2. Gas Chromatograph/Mass Spectrometer	
3. UV/VIS Spectrometer	
4. FTIR	
5. Breath Alcohol Instrument	
6. Refractometer	
7. Comparison Microscope	
8. Scanning Electron Microscope	
9. X-ray Diffraction Spectrometer	
10. Pyroprobe	
11. Compound Microscope	
12. Thermal Cycler	
13. HPLC	
14. Capillary Electrophoresis	
15. Quantitative PCR	
16. Robotic Liquid Handlers	
17. Fluorescence Microscope	
18. Alternate Light Source or Laser	
19. Robotic DNA Extraction	
20. Laser Microdissection Microscope	
21. Expert Software Systems	
22. NIBIN Workstation	
23. Chronograph	
24. Acoustical Meter	
25. X-ray Florescence Spectrometer	
26. Energy Dispersive Analysis of X-rays (EDAX)	

PART IV – Please provide a description of your education, training, and/or experience for each of the items for which you have indicated a rating of “A to F” on Part III. You must limit your response to the space provided.

1. Gas Chromatograph, Gas Chromatograph/Mass Spectrometer, Pyroprobe

2. UV/VIS Spectrometer, FTIR, Refractometer

3. Breath Alcohol Instrument

4. HPLC, Robotic Liquid Handlers

5. Comparison Microscope, Compound Microscope

- 6. Scanning Electron Microscope, X-ray Diffraction Spectrometer, X-ray Fluorescence Spectrometer, Energy Dispersive Analysis of X-rays (EDAX)**

- 7. Thermal Cycler, Capillary Electrophoresis, Quantitative PCR, Robotic DNA Extraction, Expert Software Systems**

- 8. Fluorescence Microscope, Laser Microdissection Microscope, Chronograph, Acoustical Meter**

- 9. Alternate Light Source or Laser**

10. NIBIN Workstation

PART V - Provide information regarding university or college courses (which included laboratory work) and training programs you have taken in the areas listed below. Please include the course or program title, number of units, name of school and dates of completion.

FORENSIC SCIENCE OR CRIMINALISTICS

ANALYTICAL CHEMISTRY

OTHER CHEMISTRY

**BIOLOGICAL SCIENCES, MICROBIOLOGY, MOLECULAR BIOLOGY,
BIOCHEMISTRY, GENETICS**

PHYSICS

VI. Describe your involvement in any professional organizations relevant to the position of Criminalist. Please include the name of the organization, your role (e.g., member, treasurer), and any projects/activities/presentations in which you have participated. Include your accomplishments regarding the listed items from the previous questions.

**THIS COMPLETES THE CRIMINALIST SUPPLEMENTAL TRAINING AND
EXPERIENCE QUESTIONNAIRE**