



**State
Police**

KATHY HOCHUL
Governor

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Superintendent

POSTING DATE: 11/19/2021

APPLICATION DUE BY: 12/10/2021

Title: Forensic Scientist – Firearms - 2 Vacancies

Location: Forensic Investigation Center
Albany, New York 12226
Albany County

Salary Grade: Starting Salary:
Forensic Scientist 1, SG-14: \$48,237.00
Forensic Scientist 2, SG-18: \$60,069.00
Forensic Scientist 3, SG-20: \$66,566.00

Employment Type: Full-Time

Work Days: Monday through Friday

Union Representation: PS&T

Forensic Scientist 1 – Firearms
New York State Police

There is extensive training for the Firearms discipline, which may be completed through the Bureau of Alcohol, Tobacco and Firearms, which requires extended periods of time out-of-state (see below). The Forensic Scientist 1, SG-14, will need to apply to the Academy upon assignment to the Firearms section. In addition, the Forensic Scientist 1, SG-14, must be a US Citizen to apply to this training program.

PHASE I - Following student selection and notification, students will have a four month period to complete reading and researching pre-course assignments as provided by the academy staff. During PHASE I the student will work at the Forensic Investigation Center.

PHASE II - A 17-week instructional session at ATF's Forensic Science Laboratory-Washington in Ammdendale, Maryland. Instruction and practical exercises are covered. This phase also includes a trip to an ammunition manufacturer as well as two separate one-week trips to firearm and tool manufacturers in New Hampshire, Connecticut, New York and Massachusetts. This session is very content-intensive and in order for the student to self-develop there is considerable study and research during many evenings and weekends.

PHASE III - A four-month period in which the student returns to their own agency laboratory (Forensic Investigation Center). During this period the student will complete a research project which has been pre-approved by Academy instructors and the student's supervisor at their agency's laboratory. The student will also complete simulated firearms and tool mark

cases prepared by Academy instructors. These will be presented in a courtroom scenario in Phase IV.

PHASE IV - A two-week follow-up school in the Washington, D.C. area which guides the student in preparation for the presentation of expert testimony. This will also include pretrial conferences, the preparation of exhibits and mock case testimonies. Students will also present the research projects that they completed during Phase III.

DUTIES:

- Will be familiar with and aware of work completed and analyses performed in other laboratory sections.
- Will successfully complete firearms examination training under the guidance of the Supervisor of Forensic Services – Firearms. Appropriate training with competency and/or proficiency tests will be completed before assuming any casework.
- Will inform the appropriate supervisor of any unusual or unexpected developments that may occur during his/her analysis.

MINIMUM QUALIFICATIONS:

- Shall have a minimum of a Bachelor's Degree in the Natural or Physical Sciences.
- No prior laboratory experience is required.

Forensic Scientist 2 – Firearms
New York State Police

There is extensive training for the Firearms discipline, which may be completed through the Bureau of Alcohol, Tobacco and Firearms, which requires extended periods of time out-of-state (see below). The Forensic Scientist 2, SG-18, will need to apply to the Academy upon assignment to the Firearms section. In addition, the Forensic Scientist 2, SG-18, must be a US Citizen to apply to this training program.

PHASE I - Following student selection and notification, students will have a four month period to complete reading and researching pre-course assignments as provided by the academy staff. During PHASE I the student will work at the Forensic Investigation Center.

PHASE II - A 17-week instructional session at ATF's Forensic Science Laboratory-Washington in Ammdendale, Maryland. Instruction and practical exercises are covered. This phase also includes a trip to an ammunition manufacturer as well as two separate one-week trips to firearm and tool manufacturers in New Hampshire, Connecticut, New York and Massachusetts. This session is very content-intensive and in order for the student to self-develop there is considerable study and research during many evenings and weekends.

PHASE III - A four-month period in which the student returns to their own agency laboratory (Forensic Investigation Center). During this period the student will complete a research project which has been pre-approved by Academy instructors and the student's supervisor at their agency's laboratory. The student will also complete simulated firearms and tool mark cases prepared by Academy instructors. These will be presented in a courtroom scenario in Phase IV.

PHASE IV - A two-week follow-up school in the Washington, D.C. area which guides the student in preparation for the presentation of expert testimony. This will also include pretrial conferences, the preparation of exhibits and mock case testimonies. Students will also present the research projects that they completed during Phase III.

DUTIES:

- Will be proficient in all of the duties of a Forensic Scientist 1 – Firearms.
- Will be expected to perform appropriate analysis on casework which is technically of limited complexity utilizing standard established procedures. When standard procedures are not applicable, the Forensic Scientist 2 will discuss alternate or modified methodologies with the Supervisor of Forensic Services – Firearms or designated Forensic Scientist 3 or Technical Sergeant prior to conducting analysis.
- Will plan and execute analyses, including proper quality control procedures, using instrumentation and techniques as necessary. Results will be interpreted and findings reported for court purposes.
- Will inform the appropriate supervisor of any unusual or unexpected developments that may occur during his/her analysis.
- Will be expected to maintain and enhance his/her expertise and maintain technical proficiency in the field of firearms examination.

MINIMUM QUALIFICATIONS:

- Shall have a minimum of a Bachelor's Degree in the Natural Sciences, Physical Sciences or Forensic Science.

AND

- Have a minimum of eighteen months satisfactory experience performing the duties of a Forensic Scientist 1 – Firearms or its equivalent in another laboratory.

AND

- If applicable, have gained experience in testimony as an expert witness and have established his/her credentials as an expert in various courts of record.

Forensic Scientist 3 – Firearms
New York State Police

There is extensive training for the Firearms discipline, which may be completed through the Bureau of Alcohol, Tobacco and Firearms, which requires extended periods of time out-of-state (see below). The Forensic Scientist 3, SG-20, will need to apply to the Academy upon assignment to the Firearms section. In addition, the Forensic Scientist 3, SG-20, must be a US Citizen to apply to this training program.

PHASE I - Following student selection and notification, students will have a four month period to complete reading and researching pre-course assignments as provided by the academy staff. During PHASE I the student will work at the Forensic Investigation Center.

PHASE II - A 17-week instructional session at ATF's Forensic Science Laboratory-Washington in Ammdendale, Maryland. Instruction and practical exercises are covered. This phase also includes a trip to an ammunition manufacturer as well as two separate one-week trips to firearm and tool manufacturers in New Hampshire, Connecticut, New York and Massachusetts. This session is very content-intensive and in order for the student to self-develop there is considerable study and research during many evenings and weekends.

PHASE III - A four-month period in which the student returns to their own agency laboratory (Forensic Investigation Center). During this period the student will complete a research project which has been pre-approved by Academy instructors and the student's supervisor at their agency's laboratory. The student will also complete simulated firearms and tool mark cases prepared by Academy instructors. These will be presented in a courtroom scenario in Phase IV.

PHASE IV - A two-week follow-up school in the Washington, D.C. area which guides the student in preparation for the presentation of expert testimony. This will also include pretrial conferences, the preparation of exhibits and mock case testimonies. Students will also present the research projects that they completed during Phase III.

DUTIES:

- Will be assigned analyses of complex cases and will exercise considerable independent judgment in evaluating possible alternative methods of analysis and modify existing methodology to fit each particular investigation, subject to approval of the Supervisor of Forensic Services – Firearms.
- Will be proficient in all of the duties of a Forensic Scientist 2 – Firearms.
- Will interpret data and results derived from analyses and report findings and conclusions.
- Will work with little supervision and will inform the appropriate supervisor of any unusual or unexpected developments that may occur during his/her analysis.
- Expected to perform troubleshooting and maintenance tasks within the section.
- May be required to assume the duties of the Supervisor of Forensic Services – Firearms in his/her absence.

MINIMUM QUALIFICATIONS:

- Shall have a minimum of a Bachelor's Degree in the Natural Sciences, Physical Sciences or Forensic Science.

AND

- Have a minimum of four years satisfactory experience performing the duties of a Forensic Scientist – Firearms or its equivalent in another laboratory.

AND

- If applicable, experience in testimony as an expert witness and have established his/her credentials as an expert in various courts of record.

Resumes will be evaluated to determine whether candidates will proceed to the interview phase of the process.

This position does not require that the candidate has taken and passed a NYS Civil Service examination, or currently holds a qualifying position within the NYS Civil Service System. This position will be filled through a resume review and interview process.

HOW TO APPLY:

Kindly submit via U.S. Mail, FAX, or E-Mail a letter of intent, complete resume, and transcripts to:

Ms. MaryEllen Tedesco, Director of Human Resources
Attention: Civilian Hiring Unit
New York State Police
Building 22
1220 Washington Avenue
Albany, NY 12226

Phone: 518-457-3840

Fax: 518-485-2293

Email: personnel@troopers.ny.gov