

Evidence Technician

DEFINITION

This is complex work with the primary purpose to provide timely, high quality forensic services from any number of pieces of physical evidence to establish the identity of accused persons.

The Evidence Technician will develop, identify, document, and preserve physical (forensic) evidence. The Technician will also search and input various types of questioned origin physical (forensic) evidence on local and national databases.

Employees of the class are responsible for providing an entire suite of complex, specialized forensic services including performing fingerprint analysis, classification, comparison and identification; performing fingerprint ridge comparison for the purposes of providing suspects from latent fingerprints left at crime scenes.

Technicians will act independently once fully trained with atypical situations being referred to a supervisor.

TYPICAL DUTIES *

The fingerprint component of this position requires the person to be detailed, thorough and accurate in identifying, obtaining, documenting, and preserving full and/or partial latent fingerprints from physical (forensic) evidence.

Conduct scientific and specialized examinations to capture information (fingerprints, footwear, DNA, trace evidence, serial number restoration etc.) not traditionally recognizable by the layperson, visible without forensic processing, or admissible for investigative purposes.

Determine the appropriate latent fingerprint recovering method to use and to recover latent fragmented fingerprints using a variety of chemical processes.

Analysis and comparison of fingerprints for confirmation of identity and comparison of friction ridge impressions for suspect identification purposes. Conduct fingerprint searches (tenprint and latent) on Automated Fingerprint Identification System (AFIS).

Utilizes various databases such as EPROS, CPIC, JOIN and ORCA for investigative purposes

Conducts testing for presence of blood (Hemastix), gunshot residue (GSR), and lead (LeadCheck) on physical evidence.

Provide advanced evidence photography and techniques including image optimization and completion of detailed photo packages.

Author impartial, succinct, and factual forensic reports to be utilized by investigating officers and the courts to outline the technicians' actions.

Authors laboratory requests, submits exhibits and distributes laboratory results in relation to: DNA, Tool Mark and Physical Match and IBS forensic testing.

Prepares DNA related reports, memos, reports for Obstruct Peace Officer/Personation.

Review and comply with Court Orders, releasing information to the Courts and service of Court certificates.

Performs other related duties as required.

KNOWLEDGE, ABILITIES AND SKILLS

Knowledge of the Criminal Code including DNA designated offences. Knowledge of the Identification

Evidence Technician

of Criminals Act, Henry Fingerprint Classification System, the FOIP Act and Alberta Peace Officer Act is also required.

Knowledge of several developmental techniques and practices to obtain latent prints from forensic evidence.

Working knowledge of forensic laboratory equipment and current OHS, MSDS and WHMIS standards, accompanied by safe handling procedures related to firearms,ammunition and exhibits contaminated with high potency narcotics or unknown powders.

Deal effectively with sensitive issues on a continuous basis.

Ability to follow court orders.

Accuracy and attention to detail.

Ability to communicate effectively, verbally and in writing.

Ability to maintain moderately complex records.

The ability to perform the physical demands of the position including but not limited to: work in confined space, stand for prolonged periods of time and able to withstand strenuous activity.

TRAINING AND EXPERIENCE REQUIREMENTS

Job Level

The completion of a two (2) year Community College Law Enforcement Diploma or related with a minimum of two years of experience in fingerprint processing.

Successful Completion of the Forensic Identification Course developed by the authorized employer and approved by the Director of Law Enforcement, Solicitor General and Public Safety.

* *This is a class specification and not an individualized job description. A class specification represents and defines the general character, scope of duties and responsibilities of all positions within a specific job classification. It is not intended to describe nor does it necessarily list the essential job functions for a specific position in a classification. Positions may perform some of the duties listed above but this does not necessarily qualify for placement into this classification.*

| | | | | |
|-------------------|----------------|------------|------------|------------|
| Salary Plan | <u>21M</u> | <u>21A</u> | <u>21B</u> | <u>21C</u> |
| Job Code | 3476 | | 3477 | |
| Last Updated: | | | | |
| Previous Updates: | | | | |
| Originated: | September 2024 | | | |