INTEGRATED BALLISTICS ID SYSTEMS OPERATOR

CLASS CONCEPT
      This is technical work to determine if an ammunition component was fired in or from a specific weapon. A determination is made of muzzle-to-target distance, recognition of ammunition component, and function of the firearm. Employee restores obliterated serial numbers, conducts specialized crime scene searches, determines if a specific tool made evidence tool marks and gives expert testimony about the findings in court.   Employee must enter fired firearm evidence and components into the Integrated Ballistics Identification System, an automated bullet and cartridge case image analysis system. Instructions are then entered into the system to conduct comparisons of this evidence against the system's database. Positive correlations are then interpreted by the operator and relayed to a Forensic Firearm Analyst for further analysis.

      This work is performed under the general supervision of a Forensic Firearms Analysis Supervisor.

RECRUITMENT STANDARDS:

Knowledge, Skills, and Abilities
      Basic knowledge of a variety of weapons.
      Basic knowledge of computers and data entry skills.
      Knowledge of firearm components and terminology.
      Skill in the use of a microscope.
      Ability to plan, organize, and supervise a work area.
      Ability to solve problems.
      Ability to communicate effectively with staff and members of the law enforcement community.
      Ability to explicitly convey observations and recommendations effectively in written and oral form.

Minimum Training and Experience Requirements:
      Graduation from high school and one year of experience in the operation of a computer, automated fingerprint identification system, research equipment or related equipment; or an equivalent combination of training and experience.

      All degrees must be received from appropriately accredited institutions.

Special Note
      This is a generalized representation of positions in this class and is not intended to identify essential functions per ADA. Examples of work are primarily essential functions of the majority of positions, but may not be applicable to all positions.