

# STEP Information Handout

## Shaker Heights Police Department Tour

### January 16<sup>th</sup>, 2016

#### ABOUT US

Since its beginnings, Shaker Heights has been a community of prudent leaders like Mayor William J. Van Aken (Serving from 1915 until 1950) and thoughtful residents. It is among the first cities in the Midwest to adopt legislation supporting Green Building and Sustainable Community Practices.

The Shaker Heights Police Department is an internationally accredited law enforcement agency employing 63 sworn officers, and 45 support personnel and part-time seasonal employees. Members are committed to the service and protection of all persons and property throughout the City. The Chief of Police, D. Scott Lee, is committed to providing a staff that is dedicated to continuous improvement and ongoing community relations through education and training of both its officers and the citizens.

One of the department's units and specialized services is the Investigative Bureau which focuses on crime scene investigations and forensic science to solve crimes. The Investigative Bureau is committed to enhancing the quality of life, promoting a safe and secure environment, and educating residents on crime prevention. This unit and specialized service has

#### Education Path

STEM education requirements for this career path, range from a high school diploma to a bachelor's degree in criminal justice. For a forensic science technician typically need at least a bachelor's degree in criminology, criminal justice, or a natural science, such as chemistry or biology. Students who major in forensic science should ensure that their program includes extensive course work in mathematics, chemistry, and biology.

#### Career Path

A Crime Scene Investigators/Forensic Science Technician specialize in several fields in Biology, Chemistry, fingerprinting, Document examination, Firearms and toolmark identification, Controlled substances and toxicology, and Psychophysical detection of deception exam. While investigating crimes, these specialists gather physical evidence, take pictures, and examine crime scenes for anomalies. For example, Crime laboratory analysts often compare blood and hair samples for similar features. DNA analysis is conducted to determine how often an individual's specific code is present within selected populations. Crime scene investigators may work extended or unusual hours and travel to crime scenes within their jurisdiction. The median annual wage for forensic science technicians is \$55,360.





Name: \_\_\_\_\_

Grade: \_\_\_\_\_

Date: \_\_\_\_\_

**Shaker Heights Police Department \* January 16<sup>th</sup>, 2016**  
**This homework is due on February 20<sup>th</sup>, 2016**

1. Who was the Mayor of Shaker Heights from 1915 until his death in 1950?  
\_\_\_\_\_
  
2. Shaker Heights was one of the first cities to adopt what?  
\_\_\_\_\_
  
3. The Shaker Heights Police Department is an \_\_\_\_\_ law enforcement agency.
4. How many total employed sworn officers, support personnel, and part-time seasonal employees? \_\_\_\_\_
5. The Investigative Bureau focuses on what two things to solve crime?
6. Name 3 Bachelor's degree recommended for a minimum education requirement?
  - a. \_\_\_\_\_
  - b. \_\_\_\_\_
  - c. \_\_\_\_\_
  
7. What is the median annual wages a forensic science technician? \_\_\_\_\_
  
8. A forensic laboratory analyst collected hair samples for DNA testing. If the analyst adds 12 more samples to test and divided the answer by 6 days, they get 33. How many samples do they need to test?  
Show your work!!



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