

Introduction to Forensics

Test Study Guide: Unit 1 – Introduction to Forensics

Objective 1: Define forensic science and explain its role in the criminal justice system.

Students should be able to:

- 1) Define what forensic science is.
- 2) Differentiate between a Crime Scene Investigator and a Forensic Scientist.
- 3) Understand the two major duties of a forensic scientist.
- 4) Describe the purpose of both a lay witness and an expert witness.

How to Study:

- a) Read the following:
 - Book #1 – Introduction to Forensic Science (Pages 4 – 8, 13 – 16, and 24 – 25).
 - Book #2 – What a Forensic Scientist Does (Pages 1 – 9)
 - Duties of a Forensic Scientist Article (Class website)
- b) Vocabulary Terms to know:
 - Criminology:
 - Forensic Science:
 - Dr. Edmond Locard:
 - Locard's Exchange Principle:
 - Paul Kirk:
 - Crime Scene Investigators (CSI):
 - Forensic Scientist:
 - Evidence:
 - Testify:
 - Lay Witness:
 - Expert Witness:
- c) Complete Canvas assignment "Unit 1: Assignment 1: Forensic Science and Its Role (Obj. #1)".
- d) Study PowerPoint Notes (Unit 1 – Introduction to Forensic Sciences) slides #1 – 15.

Objective 2: Identify and describe the duties of specific types of forensic sciences.

Students should be able to:

- 1) Distinguish between the different types of forensic science.
- 2) For each type of forensic science, identify the responsibility a person would have in that occupation.

How to Study:

- a) Read the following:
 - Book #1 – Introduction to Forensic Science (Pages 8 – 13, and 16 – 18).

b) Vocabulary Terms to know:

- Pathology:
- Toxicology
- Anthropology:
- Facial Reconstruction:
- Skull Superimposition:
- Odontology:
- Engineering/Physics:
- Entomology:
- Computer:
- Chemistry:
- Behavioral or Sociology (Art):

c) Complete Canvas assignment “Unit 1: Assignment 2: Specific Types of Forensic Science (Obj. #2)”.

d) Study PowerPoint Notes (Unit 1 – Introduction to Forensic Sciences) slides #16 – 34.

Objective 3: Describe the methods of evidence collection.

Students should be able to:

- 1) Describe how to conduct a crime scene investigation.
- 2) Describe what Chain of Custody is and explain why is it important.
- 3) Describe the 6 different methods to search a crime search and when each is useful.

How to Study:

a) Read the following:

Chain of Custody Article (Class website)

How a Crime Scene Investigation is Conducted (Class website)

b) Vocabulary Terms to know:

- Chain of Custody:
- Presumptive Test:

c) Complete Canvas assignment “Unit 1: Assignment 3: Evidence Collection (Obj. #3)”.

d) Study PowerPoint Notes (Unit 1 – Introduction to Forensic Sciences) slides #35 – 56.