

Format: 10 multiple choice questions and 5 open ended questions

Concepts to Review:

- Shoeprint Impressions
 - Be able to explain how shoeprint impressions are used by forensic scientists.
 - Be able to describe some of the *quantitative* and *qualitative* information that can be obtained from a shoeprint.
 - Be able to describe some of the *limitations* of shoeprint evidence.

- Tire Track Impressions
 - Be able to explain how a tire track impression can be collected.
 - Be able to explain how tire track impressions are used by forensic scientists.
 - Be able to describe some of the *quantitative* and *qualitative* information that can be obtained from tire tracks.
 - Be able to describe some of the *limitations* of tire track evidence.

- Bite Mark Impressions
 - Be able to explain how a bite plate is created.
 - Be able to explain how bite mark evidence is used by forensic scientists.
 - Be able to measure the *width* and *depth* of a bite plate.
 - Understand the difference between the *maxilla* and the *mandible*.
 - Be able to describe some of the *quantitative* and *qualitative* information that can be obtained from a bite plate.
 - Be able to describe some of the *limitations* of bite mark evidence.

- Tool Mark Impressions
 - Be able to explain how a tool mark impression can be collected.
 - Be able to explain how tool mark impressions are used by forensic scientists.
 - Be able to describe some of the *quantitative* and *qualitative* information that can be obtained from tool marks.
 - Be able to describe some of the *limitations* of tool mark evidence.

- Lab Skills
 - Be able to use a metric ruler.
 - Be able to create a tire track impression using ink.
 - Be able to create a bite plate.
 - Be able to cast a tool mark.

Resources:

You may use your laboratory notebook during the exam, but you may NOT consult any other notes or handouts (your regular class notebook and anything that was not added to your laboratory notebook during our lab work is NOT ALLOWED).

NOTE: You may be given supplies from one of the labs and be asked to demonstrate that you can carry out one of the laboratory procedures we learned in this unit.