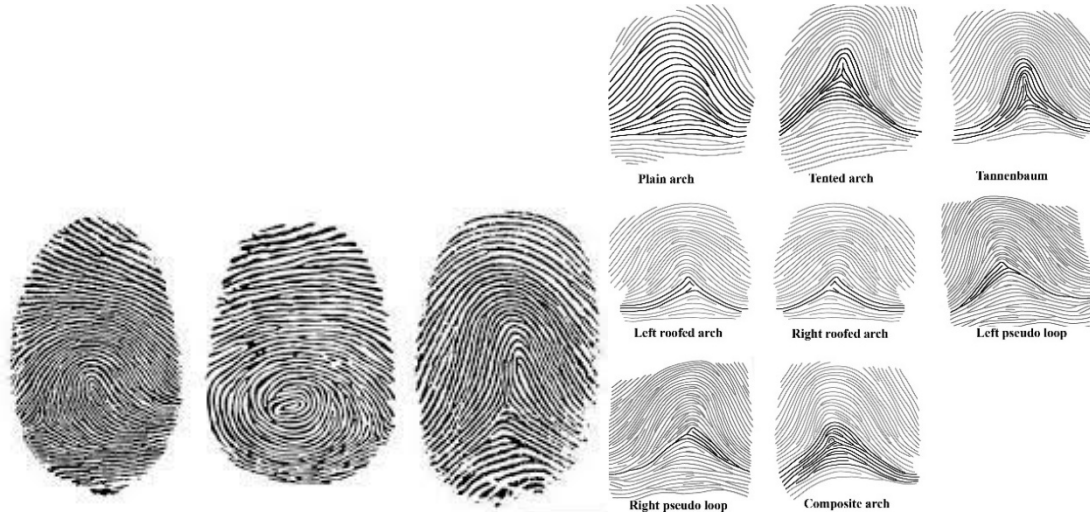


# Day 13 - Forensics – 9-12-24 to 9-13-24

**NO CELL PHONES, EARBUDS, HEADPHONES - On Schoology: Submit WarmUp after completing.**

## CLASSWORK - Fingerprints



### 1) OUTLINE/READ (20 min):

Read pdf “Fingerprint Analysis:”

[https://memorialmuseum.com/wp-content/uploads/2023/03/23-OCN-004\\_2023\\_Handouts\\_6\\_-\\_Fingerprint\\_Analysis.pdf](https://memorialmuseum.com/wp-content/uploads/2023/03/23-OCN-004_2023_Handouts_6_-_Fingerprint_Analysis.pdf)

### 2) VIDEO NOTES

1) Compare Fingerprints-Ray Forensics

<https://www.youtube.com/watch?v=IrpTqKkgygA>

2) Plastic, patent, latent prints – Paul Kolesar

<https://www.youtube.com/watch?v=l-tjiikFwLs>

3) Fingerprint Minutiae – Tactical Teaching

<https://www.youtube.com/watch?v=lauxPBJLSPY&t=814s>

### **3) EXPLAIN/DRAW**

Use the links and/or Google to explain and illustrate each concept.  
Fold the paper into 4 boxes front and back:

#### **FRONT**

1) What are the (3) basic types of fingerprints?

<https://www.forensicsciencesimplified.org/prints/principles.html>

2) Compare patent and plastic fingerprints?

<https://www.marylandfingerprint.com/single-post/2020/10/26/3-types-of-fingerprints-latent-patent-and-plastic>

3) Why are minutiae important in fingerprint analysis?

<https://www.bayometric.com/minutiae-based-extraction-fingerprint-recognition/>

4) What are latent fingerprints?

<https://www.aratek.co/news/what-is-a-latent-fingerprint-unveil-the-science-and-processing>

#### **BACK**

5) How are fingerprints developed on non-porous and porous surfaces?

<https://www.forensicsciencesimplified.org/prints/how.html>

6) What is the Henry Classification System?

[https://en.wikipedia.org/wiki/Henry\\_Classification\\_System](https://en.wikipedia.org/wiki/Henry_Classification_System)

7) What is the significance of ridge counts in fingerprint analysis?

<https://fingerprintid.weebly.com/fingerprint-identification.html>

8) How do forensic scientist ensure the integrity of fingerprint evidence?

<https://www.crime-scene-investigator.net/evidenc3.html>

*Submit the first draft before you leave the classroom.*

### **3) HOMEWORK:**

- 1) Complete **Outline/Read** assignment.
- 2) Finish the **Video Notes**.
- 3) Complete the **Explain/Draw** assignment.

*Submit work as soon as completed.*