Day 1

1. Administrative Matters
   a. Student Self-Introductions
   b. Course Objectives

2. History of Personal Identification
   a. Sight Recognition
   b. Camera/Photographs
   c. Anthropometrics / Bertillon System
   d. The William West Case

3. History of Fingerprint Identification

4. Physiology of Fingerprints
   a. Inked Fingerprints
   b. Latent Fingerprints
   c. Patent Fingerprints

5. Paradigms of Intentional Mutilations
   a. Roscoe Pitts
   b. John Dillinger

6. Incipient Ridges / Dysplasia

7. Scientific Basis of Fingerprint Identification
   a. Individuality
   b. Permanence
8. Minutiae / Individual Ridge Characteristics
   a. Ridge Ending
   b. Bifurcation
   c. Dot
   d. Short Ridge
   e. Island/Enclosure

9. Overview of 8 Fingerprint Types

10. Introduction to Loop-Type Patterns
   a. Definition
   b. Three Basic Requirements
   c. Sufficient Recurve
   d. Typelines
   e. Delta
   f. Delta Placement Rules
   g. Core
   h. Ridge Counting
   i. Types of Loops
   j. Ulnar
   k. Radial

11. Student Exercises
   a. Identify the loop patterns and execute the appropriate ridge counts on sample fingerprint card A-1, A-2, A-3, A-4, A-5, B-1, B-2, B3, B-4 & B-5.
12. Introduction to Arch-Type Patterns
   a. Plain Arch
   b. Tented Arch
   c. Angular-Type
   d. Upthrust-Type
   e. Recurving-Type
   f. Arbitrary-Type

13. Student Exercises
   a. Classify the arch-type patterns for sample fingerprint cards A-1 thru A-5 and B-1 thru B-5.

Day 2

1. Review & Discussion of Previous Day’s Instruction

2. Student Exercises

3. Introduction to Whorl Type Patterns
   a. Plain Whorl
   b. Central Pocket Loop Whorl
      i. Recurving – Type
      ii. Obstruction – Type
c. Whorl Appendage Rule

d. Double Loop Whorl

e. Accidental Whorl

f. Whorl Symbols

g. Whorl Tracing Procedure

4. Student Exercises


Day 3

1. Review & Discussion of Previous Day’s Instruction

2. Student Exercises

   a. Locate & Classify the whorl type patterns in sample fingerprint cards A-11, A-12, A-13, A-14, A-15, B-1, B-2, B-3, B-4, B-5, B-6, B-7, B-8, B-9, B-10, B-11, B-12, B-13, B-14, & B-15.


4. Fingerprints Techniques Video

5. Henry Classification Formula

   a. Primary

   b. Secondary

   c. Small Letters
Basic Fingerprint Classification
Instructors: M. Dawn Watkins, King C. Brown

d. Secondary

e. Major

f. Final

g. Key

6. Student Exercises


b. B-1 thru B-15, as above.

7. Automatic Referencing

8. Line Counts

9. General Reference Rules

10. Primary References

11. Secondary References

12. Automatic Reference Rules

Day 4

1. Review & Discussion of Previous Day’s Instruction

2. National Crime Information Center (NCIC) Formula

3. Amputations & Scarred Patterns

4. Student Exercises

Basic Fingerprint Classification
Instructors: M. Dawn Watkins, King C. Brown

5. Comparison of Inked Fingerprint Impressions
   a. Galton Details

6. Verification

7. Comparison Exercises

8. Student Exercises

   b. Integrated Automated Fingerprint Identification System (IAFIS)

   c. Completely Classify, devise the Henry Formula, & provide the NCIC formula for sample fingerprint cards A-28 thru A-32, B-21 thru B-25.

   d. Student Exercises – Continued
   e. B-26, B-27, & B-28.

   f. Student Exercises – Continued
   g. A-29 & B-29.