

# San Bernardino County Sheriff's Regional Training Center

## Identification, Collection and Preservation of Evidence *Expanded Outline*

- I. Registration/Course Overview/Objectives
- II. Crime Scene
  - A. Secure scene
  - B. Prevent contamination of evidence
  - C. Photograph scene
    - 1. Several angles
  - D. Sketch scene
- III. Collection of Evidence
  - A. Avoid adding fingerprints or shoeprints at scene
  - B. Collect large items first
    - 1. Initial each item
    - 2. Place in appropriate container
    - 3. Clothing or bedding kept separate
    - 4. Wrapped individually
  - C. Non-portable items dusted for fingerprints at scene
  - D. Label all containers and wrappings
  - E. Location of collected evidence carefully recorded
- IV. The Victim
  - A. Clothing collection
    - 1. Routine in all investigations
    - 2. Items wrapped separately
    - 3. Prevent contamination I handling
  - B. Blood
    - 1. Crimes of violence, take sample from victim
  - C. Hair
    - 1. Collection of head hair samples
    - 2. Minimum of 20 hairs should be collected
    - 3. Rape victims should furnish pubic hair sample
- V. The suspect
  - A. Items of evidence deserving particular consideration
    - 1. Clothing
    - 2. Hair
    - 3. Blood
    - 4. Fingernail scrapings
- VI. Bloodstains
  - A. Types considered valuable as evidence
    - 1. Abortion
    - 2. Assault
    - 3. Burglary
    - 4. Hit and run
    - 5. Investigation of death
    - 6. Rape
- VII. Seminal Stains

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- A. Collection procedure
- B. Marking procedure
- C. Packaging procedure
- VIII. Fiber-Evidence
  - A. Types considered valuable as evidence
    - 1. Textile
    - 2. Weapons
    - 3. Fingernail scraping
  - B. Collection Procedure
  - C. Marking procedure
  - D. Packaging procedure
- IX. Glass-Evidence
  - A. Types of cases considered valuable as evidence
    - 1. Burglary
    - 2. Hit and Run
  - B. Comparison samples
  - C. Collection procedure
  - D. Marking and packaging procedure
- X. Firearms
  - A. Fired Bullets
    - 1. Collection procedure
      - a. Bullets imbedded in wood, plaster, etc.
      - b. Removal of bullet from a deceased person
    - 2. Marking and packaging procedure
      - a. Mark all fired bullets on the base end
      - b. Wrap specimens, separately in soft tissue
- XI. Documentation
  - A. Note taking
  - B. Sketching
  - C. Photography
- XII. Chain of Custody
- XIII. Practical Exercises
  - A. Blood Scraping Technique
  - B. Blood Cloth collection techniques
  - C. Screening test for blood
  - D. Paint collection techniques
  - E. Tape-lift of trace evidence
  - F. Latent prints
  - G. Gunshot residue collection
  - H. Plaster cast techniques
  - I. Silicone impressions techniques
  - J. Alternate light source techniques
- XIV. Course Wrap up
  - A. Debrief/Clarifications
  - B. Test
  - C. Evaluations/Critiques/Certificates