

## Traffic Collision Investigations

- I. Introduction
  - A. Course Registration
    - 1. POST Forms
    - 2. Department Forms
  - B. Course Review
    - 1. Expectations
    - 2. Goals
- II. Collision Investigation Manual
  - A. Definitions
  - B. Sketches
  - C. Utilization of C.I.M.
- III. CHP-555 Long Form Report
  - A. Face pages
    - 1. Proper coding
    - 2. Section requirements
  - B. Scenario (practical application)
  - C. Narrative
    - 1. Proper formatting
    - 2. C.I.M. requirements
- IV. CHP-555-03 Property Damage Only Reports
  - A. Face page
    - 1. Proper coding
    - 2. Section requirements
  - B. Scenario (practical application)
  - C. Narrative
    - 1. Proper formatting
    - 2. Required Information
- V. Homework (in class)
  - A. C.I.M. exercise
  - B. CHP-555 exercise
- VI. Skid Mark Identification
  - A. Definition
  - B. Types
    - 1. Locked wheel
    - 2. Impending
    - 3. Spin
    - 4. Critical Speed Scuff

- 5. Scrub
- 6. Acceleration
- 7. Skip
- 8. Gap
  
- C. Measurement methods
- D. Slide presentation of skid types
- E. Speed determination using nomograph
  
- VII. Primary Causal Factors
  - A. Right of way issues
  
  
  - B. PCF Vehicle codes
    - 1. Right of way
    - 2. Passing
    - 3. Pedestrian
  
- VIII. Area of Impact Determination
  - A. Factors to consider
    - 1. Measurements
  
- IX. Staged Automobile Collisions & Fraud
  - A. What to look for
  - B. Fraud rings
  - C. Common fraud practices
  - D. Related penal codes
  - E. Resources available
  
- X. DUI Related Laws
  - A. DUI as a PCF
  - B. Underage dui drivers
  - C. Admin Per Se
  - D. Arrest authorities
  
- XI. Homework (in class)
  - A. CHP-555-03 exercise
  
- XII. Diagramming
  - A. Methods of measuring
    - 1. Coordinate method
    - 2. Station line
    - 3. Triangulation

B. Instruments of measurement

1. Pacing
2. Roll-a-tape
3. Tape measures
4. Electronic

C. Diagramming practical application exercise

XIII. Physical Evidence

A. Crime lab functions

1. Paint and blood analysis
2. Tire tread matching
3. Fingerprinting
4. Damage and injury patterns
5. Evidence collection

XIV. Practical Application (Final Exam)

- A. Role playing, Fatal traffic collision
- B. Role playing, Property Damage Only collision

XV. Vehicle Factors

- A. Equipment failures
- B. Obstructions
- C. Restraint systems
  1. Air bag
  2. Seat belts

XVI. Human Factors

- A. Driver experience
- B. Driver conditions
- C. Identify driver and passenger through injuries

XVII. Scene Management and Investigations

- A. Environmental conditions
- B. Procedures
- C. Considerations

XVIII. Hazardous Materials

- A. Potential exposure factors
- B. Placarding
- C. Permitting
- D. Response guidelines

1. Emergency response guidebook

E. Video

XIX. Courtroom Testimony

A. Citation testimony

1. Citation notes

2. Court expectations

B. Courtroom and deposition testimony

XX. Course Review (game)

XXI. Written Final Exam

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