

# **Rick A. Swope**

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P.O. Box 290547  
Davie, Florida 33329-0547  
(305) 476-7640  
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## **CURRICULUM VITAE**

### **PROFESSIONAL EXPERIENCE:**

#### **Professional Traffic Accident Reconstructionist**

Serving the law profession in civil and criminal proceedings since 1986.

#### **Consultant to Municipalities**

Investigating criminal collisions of a complex nature.

#### **Consultant to Broward State Attorney's Office**

Accident reconstruction.

#### **Consultant to Insurance Companies**

Reference opinions of a technical nature.

#### **Consultant to Prosecution and Defense Attorneys**

Criminal cases and Civil proceedings for plaintiffs and defendants.

#### **Consultant to Training and Design Companies**

Offering technical input in training programs developed for law enforcement officers.

#### **Expert in Accident Investigation and Reconstruction**

Recognized in both civil and criminal courts of law.

#### **Expert in Drunk Driving cases**

Involving standardized field sobriety tests.

### **PRACTICAL EXPERIENCE:**

#### **Deputy Sheriff – Broward Sheriff's Office**

August 27, 1984 to July 27, 1990

Assigned to the Traffic Homicide and DUI Unit.

- Accident Reconstruction Specialist, investigating, reviewing, and reconstructing numerous collisions of all types.
- Additional assignments included working part-time with the Sheriff's Office Training Division, with over 1,000 employees attending Defensive Driving instruction yearly.

#### **Police Officer – City of Monroe Police Department**

January 2, 1979 to August 24, 1984.

Assigned to the Road Patrol Division

- Handled and investigated traffic accidents and traffic fatalities.

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## TEACHING EXPERIENCE:

**Instructor** – Criminal Justice Institute of Broward County.

Accident investigation; DUI field sobriety testing; Defensive Driving – motor vehicle dynamics of skidding vehicles; First Responder and CPR; traffic direction and control, report writing.

**Instructor** – Palm Beach Criminal Justice Institute.

Defensive driving.

**Substitute Teacher** – Broward County School Board.

**Faculty Member/Instructor** – Davis Training and Development.

On-scene Accident Investigation; Traffic Homicide Investigation; Advanced Accident Investigation; Selective Traffic Enforcement; Vehicle Testing Procedures; Inspection of Motor Vehicles; Traffic Homicide Reporting; Accident Photography; Measuring and Diagraming; Hit and Run Investigation Procedures; Bulb Examinations; Advanced Formulas; and Accident Reconstruction.

**Adjunct Faculty Member** – University of North Florida, Institute of Police Technology and Management, Jacksonville, Florida.

**EDUCATIONAL BACKGROUND:** *Does now has a degree in (Masters or Doctorate) in Engineering*

**ST. THOMAS UNIVERSITY** – Miami, Florida

Bachelor of Arts degree in Criminal Justice.

**NORTHWESTERN TRAFFIC INSTITUTE** – Macomb County Community College,  
Macomb, Michigan

**Basic Accident Investigation**

Techniques, Preparing, and Basic formulas of Accident Investigations.

**INSTITUTE of POLICE TECHNOLOGY and MANAGEMENT**, University of North Florida  
Jacksonville, Florida

**Basic Accident Investigation**

On-scene Accident Investigation; Traffic Homicide Investigation; Basic Physics and Formulas in Accident Investigation; Interpretation of Roadway and Vehicle Physical Evidence; Measurements, Diagraming, and Field Sketches of the Accident Scene; Accident Investigator Techniques; Accident Photography.

**Technical Accident Investigation**

Advanced Traffic Homicide Investigation; Advanced Formulas and Physical Evidence Interpretation; Bulb Examination; Scale Diagraming; Tire Forensics; Time-distance Equations; Photogrammetry in using Perspective Graphics; Statement Taking; Diagraming of crush information.

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## EDUCATIONAL BACKGROUND Continued

### **Accident Reconstruction Specialist**

Derivations of Speed Equations; Motorcycle Speed Estimates; Tire Forensics; Conservation of Linear Momentum Speed Estimates; Weight Shift Principles and Problems; Newton's Laws pertaining to collisions; Scale Drawings; Accident Photography; Seat Belts; Occupant Kinematics; Time-distance Equations; Physical Evidence Evaluation and Interpretation.

### **Investigation of Pedestrian Accidents and Human Factors**

Car vs. Pedestrian Accidents; Throw Distance Formulas; Inspection of Vehicle; Path and Travel of Pedestrian; Photographing/Reconstruction of Scene.

### **Radar Instructor**

Use and Operation of Radar; Radar in Court and Case Law; Speed Estimates.

## UNIVERSITY of NORTH FLORIDA – Jacksonville, Florida

### **Traffic Accident Photography**

Camera and Video Use; Collision Scene Photography; Flash and Lighting Conditions; Court Admissibility of Photographs.

### **Advanced Accident Reconstruction with Microcomputers**

Computer Use in Accident Reconstruction Analysis; SLAM, CARS, CRASH Programs; Conservation of Linear Momentum; Scale Diagramming.

### **Commercial Vehicle Accident Investigation**

Weight Shift Problems and Principles; Commercial Vehicle Inspection; Conservation of Linear Momentum; Trucking Laws and Requirements.

## CRIMINAL JUSTICE INSTITUTE, Broward County Community College – Davie, Florida

### **Driving Instructor**

Vehicle Dynamics; Skid Control and Handling; Pursuit Driving; Backing Drills; Mechanics of Vehicle Inspections; Vehicle Use.

### **First Responder, CPR Instructor**

Requirements of CPR by American Heart Institute; First on Scene Treatment; Practical Experience.

## SEMINARS/WORKSHOPS

### BROWARD CRIMINAL JUSTICE INSTITUTE – Davie, Florida

Presented by Broward Sheriff's Office

#### **Standardized Field Sobriety Testing**

#### **National Highway Traffic Safety**

Standardized Testing – 21 hour course

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### **SEMINARS/WORKSHOPS Continued**

**BROWARD CRIMINAL JUSTICE INSTITUTE – Davie, Florida**

Presented by Institute of Police Technology and Management, Jacksonville, Florida

**Bicycle Law Enforcement Seminar**

Bicycles in Accident; the Bicycle Rider; Reconstructing the Bicycle Accident.

Presented by Criminal Justice Institute – Davie, Florida

**Breathalyzer/Intoxilyzer Course**

Operation of the Breathalyzer; Intoxilyzer 5000; Extrapolation.

**INSTITUTE of POLICE TECHNOLOGY and MANAGEMENT, Jacksonville, Florida**

**Symposium on Alcohol and Drug Enforcement**

Effects of Alcohol; Horizontal Gaze Nystagmus; Extrapolation; the Drunken Driver; Accident Reconstruction Principles involving Intoxicated Drivers.

Presented at Palm Beach County

**Investigation of Seat Belts and Child Restraint Systems**

Operations of Seat Belts; the Child Restraint System(s); Reconstructing the Seat Belt Accident.

Presented at Cape Kennedy, Florida

**Retraining Seminar for Traffic Accident Investigator**

Conservation of Linear Momentum; Vectoring; Scale Diagraming; Advanced Formulas; Weight Shift.

**PEOPLES GAS SYSTEMS – Dade County, Florida**

**Gas and Fire Emergency Training**

Hazards of Chemical Accidents; Symbols on Vehicles.

### **MEMBERSHIPS/ASSOCIATIONS:**

Member of Florida High School Activities Association

Umpire – Baseball; Referee – Football

Certified PADI – Open Water Diver

Member of Maryland Association of Traffic Accident Investigators, Inc.

National Association of Traffic Accident Reconstructors