

# SWOPE RECONSTRUCTION

Accident Reconstruction Services - DUI Consultants  
Curriculum Vitae

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## EDUCATIONAL BACKGROUND:

**UNIVERSITY OF MIAMI - Miami, Florida**  
December, 1995  
Masters in Technology/Engineering  
MOT Program, School of Business and Engineering

*What were you taught, in this class, that assisted you in formulating your opinions?*

**ST. THOMAS UNIVERSITY - Miami, Florida**  
May, 1989  
Bachelor of Arts in Criminal Justice.

**NORTHWESTERN TRAFFIC INSTITUTE - Macomb County Community College, Macomb, Michigan**  
Basic Accident Investigation  
Techniques, Preparing, and Basic formulas of Accident Investigations.

*1974 when How was he able to attend?*

*Feb '80 Stephens one of 20 people in country chosen for first class*

**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.

*IPTM*

*when 1986*

**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.

**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; 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 Photograph; 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 Diagraming.

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

**PROFESSIONAL EXPERIENCE:**

**Professional Traffic Accident Reconstructionist**  
Serving the law profession in civil and criminal proceedings since 1986.

*when & who*  
Consultant to Municipalities  
Investigating criminal collisions of a complex nature.

*when & who*  
Consultant to Broward State Attorneys Office *Radwin = last case*

*when & who*  
Consultant to Insurance Companies  
Reference opinions of technical nature.

Criminal cases and Civil proceedings for plaintiffs and defendants.

*when & who*  
Consultant to Training and Design Companies  
Offering technical input in training programs developed for law enforcement officers.

*when & who*  
Expert in Drunk Driving cases  
Involving standardized field sobriety tests and intoxilyzer 5000 and 5000R.

**ACCIDENT RECONSTRUCTION- Detroit, Michigan**  
February, 1994. (3 day program)

**PRACTICAL EXPERIENCE:**

**United States Army, Military Police**  
July 1974 to July 1977

**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.

Deputy Sheriff-Broward County Sheriffs 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 Sheriffs Office Training Division with over 1,000 employees attending Defensive Driving instruction yearly.

*nothing to do w/ acc. recon*

**TEACHING EXPERIENCE:**

**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.

**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-Southern Police Institute, Louisville, Kentucky**

**Adjunct Faculty Member-Institute of Police Technology & Management, Jacksonville, Florida**

**Instructor - Part-time Broward Community College Criminal Justice Institute, 1985 to present**

**VEHICLE CRASH TESTING-Broward County, Florida Vehicle Crash Analysis & Interpretation**

**"ANATOMY OF THE DEFENSE OF A DUI CASE" - Miami, Florida April 15, 1994**

**Formal Review Hearing and DUI Intoxilyzer 5000, Naples, Florida March 30, 1995**

**DUI Trial Tactics, Biloxi, Mississippi**  
April 28 & 29, 1995

**Accident Reconstruction and DUI, Harvard Law School**  
July 20-22, 1995

**SFST Course - Atlanta, Georgia**  
July 29 and July 30, 1994, Georgia Bar Lawyers

**Trial Tactics in DUI Cases, Atlanta, Georgia**  
June 2, 1995

**Standardized Field Sobriety Testing and Breathalyzer Testing, Atlanta, Georgia**  
August 18-20, 1995

**DUI Trial Tactics, Miami, Florida**  
September 28, 1995

**Advanced Trial Tactics Seminars, "Defending the Drinking Driver",**  
Chicago, November 3, 1995  
San Francisco, November 10, 1995

nothing to  
do w/ acc. recon

when  
(ended 1985 p. 30/11)

when

1985-1992  
when where and who did  
you instruct?

when

when  
last taught  
1995  
when

**IPTM**

who  
attended

- Law School class or seminar  
- who attended

Atlanta, Georgia, November 17, 1995  
Orlando, Florida, December 1, 1995  
Dallas, Texas, December 8, 1995

*who attended*

Field Sobriety Tests, Washington Foundation for Criminal Justice, Seattle, Washington  
February 23 - 25, 1996.

**SEMINARS/WORKSHOPS ATTENDED:**

*any affect on opinions*

*when*

**BROWARD CRIMINAL JUSTICE INSTITUTE-Davie, Florida**  
Presented by Broward Sheriffs Office  
Standardized Field Sobriety Testing  
National Highway Traffic Safety  
Standardized Testing - 21 hour course

*when*

**BROWARD CRIMINAL JUSTICE INSTITUTE-Davie, Florida**  
Presented by Institute of Police Technology and Management,  
Jacksonville, Florida Bicycle Law Enforcement Seminar Bicycles and Accident; the Bicycle Rider;  
Reconstructing the Bicycle Accident.

*when*

Presented by Criminal Justice Institute-Davie, Florida Breathalyzer/Intoxilyzer Course Operation of the Breathalyzer/ Intoxilyzer 5000; Extrapolation Attend yearly update as required by State of Florida.

*what was taught about HGN*

**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.

*when*

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.

*when*

Presented at Cape Kennedy, Florida  
Retraining Seminar for Traffic Accident Investigator  
Conservation of Linear Momentum; Vectoring; Scale Diagraming; Advanced Formulas; Weight Shift.

*when*

**PEOPLES GAS SYSTEMS-Dade County, Florida**  
Gas and Fire Emergency Training  
Hazards of Chemical Accidents; Symbols on Vehicles.

*what is SAE?*

*when*

**SAE CONFERENCE-Detroit, Michigan**  
February 25-28, 1991  
Braking & Anti-Lock Braking-Computer Reconstruction & Simulation Vehicle dynamics technology and animation

*what was this?*

*when*

**ENGINEERING DYNAMICS-University of Miami, Miami, Florida**  
November 1991  
EDC Simulations

**SAE SEMINAR**  
Planning and Development of the Saturn Automobile

*what is LARM -SAE*

**LARM CLASS-Pittsburgh, Pennsylvania**  
November, 1993.

*(SAE)*

*when*

**SAE CONFERENCE-Detroit, Michigan**  
February and March, 1994. Accident Reconstruction and Vehicle Dynamics

**STAPP - Carcrash Conference - Ft. Lauderdale, Florida**  
*what is STAPP*

October 31 - November 2, 1994.

SFST & AT Course -Atlanta, Georgia  
August 18-20, 1995

what is this?

Headline regarding

**PUBLICATIONS:**

only journal that published him was Richard Essen's Journal (editorial board)  
attly Richard Essen on editorial board (p. 42/18)

- 1) SWOPE R.A.: Field Sobriety Test. Part I and II, DWI Journal Laboratory and Science, June, 1993, Volume 6 and August 1993, Volume 8.
- 2) SWOPE, R.A.: Driving Under the Influence of Alcohol: At the scene accident investigation; Advance Traffic Homicide; Accident Reconstruction. Broward Community College Criminal Justice Institute. class outline
- 3) SWOPE, R.A.: Evaluating Accuracy of Roadside Sobriety Test, DWI Journal Law and Science, June, 1993. (p. 24/9)
- 4) SWOPE, R.A.: Intoxilyzer 5000 DWI Journal Law and Science, October, 1993 (p. 26/14)
- 5) SWOPE, R.A.: Roadside Sobriety Test Part 2. DWI Journal Law and Science, June, 1993. (p. 24/9)
- 6) SWOPE, R.A.: Intoxilyzer 5000. DWI Journal Law and Science, October, 1995. (p. 27/17)

DS-6790

**MEMBERSHIPS/ASSOCIATIONS:** Any organizations that certify accident reconstructionist

submit reports perform work

Member of Maryland Association of Traffic Accident Investigators, Inc.

National Association of Traffic Accident Reconstructionists

Society of Automotive Engineers

requirements for membership

FAA Society of Automotive Engineers

South Florida Investigators Association — P.I. ?

Broward PBA

Member of Florida High School Activities Association  
Umpire-Baseball; Referee-Football

Certified PADI-Open Water Diver

National Association of Sports Officials

Member TIGHAR — what is this?

Amateur Softball Association

International Association for Management of Technology — what is this?  
(IAMOT)

Will have CV changed to correct mistakes. (p. 27/3)

- Home
- Accident Reconstruction
- DUI Consultation/Evaluation
- Other Services