



Timothy C. Lovett

**License A10079
Curriculum Vitae**

College

South Plains Junior College, Levelland, Texas
Law Enforcement Major

Tarrant County College, Hurst, Texas
Law Enforcement Major

Career

1995-Present	Crash Dynamics
1982-2005	Hurst Police Department Positions within the department in Patrol, Investigations and Community Services

Academy

Regional Police Academy
Tarrant County Junior College, 1982

Education

Certified Breath Test Operator Regional Police Academy	40 hours 1985
Medical Conditions Affecting Driving Texas Department of Health & Medical Standards on Motor Vehicle Operation Division	8 hours 1986
Intermediate Accident Investigation Texas A&M University	40 hours 1986
Advanced Accident Investigation Texas A&M University	80 hours 1986
Accident Reconstruction Texas A&M University	80 hours 1987
Crime Scene Search Regional Police Academy	40 hours 1987

Education cont'd

Basic Police Instructor Regional Police Academy	40 hours 1987
Death Investigation Bannon & Associates	24 hours 1988
Basic Photography Dallas Sheriff's Academy	40 hours 1990
Low Speed Crash Tests, Human Factors and Biomechanics TAARS seminar Houston, Texas	24 hours 1992
Advanced Crime Scene Search Regional Police Academy	24 hours 1993
Advanced Accident Reconstruction Texas A&M University	40 hours 1994
Commercial Vehicle Inspections and Accident Reconstruction Texas A&M University	40 hours 1995
Pedestrian and Bicycle Accident Reconstruction Texas A&M University	40 hours 1996
Advanced Scene Investigation using Electronic Accident/Crime Scene Mapping Garland Police Academy	16 hours 1997
Forensic Mapping with CAD and Total Stations Texas A&M University	40 hours 1997
GM 2nd Generation Airbag & Seat Technology, Hydraulic Brake Components and Inspections TAARS seminar Houston, Texas	8 hours 1999
Collision Investigation and Reconstruction WREX 2000 seminar College Station, Texas	36 hours 2000
Work, Energy and Speed from Damage in Traffic Accidents Northwestern University Traffic Institute (hosted by Fort Worth Police Department)	40 hours 2001
Intoxication Manslaughter School Texas District and County Attorneys Asso.	40 hours 2001
Acceleration and Vericom Familiarization Irving, Texas	13 hours 2003

Education cont'd

Accelerometers and other Sensors for Traffic Crash Investigations TAARS Fall Mini-Seminar	16 hours 2003
Intoxication Manslaughter Update Tarrant County District Attorney through Tarrant County College	4 hours 2004
Special Problems in Accident Reconstruction Institute of Police Technology and Management University North Florida (Jacksonville, Florida)	40 hours 2005
Crash Data Retrieval User's Certification Irving Police Department Collision Safety Institute	24 hours 2005
Vista FX2 Trainer's Course - Visual Statement Kamloops, B.C., Canada	32 hours 2006
Vista FX3 Trainer's Course - Visual Statement Puerto Vallarta, Jalisco, Mexico	32 hours 2008
CDR Technician Update - Collision Safety Institute Fort Worth, Texas	8 hours 2008
CDR Analyst Update - Collision Safety Institute Fort Worth, Texas	32 hours 2008
Special Problems in Traffic Crash Reconstruction Commercial Motor Vehicle Foundation Brakes Damage Profile Analysis Institute of Police Technology and Management University North Florida Jacksonville, Florida (held in Orlando, Florida)	24 hours 8 hours 4 hours 2009
ARAS360 Trainer's Course Kamloops, B.C., Canada	32 hours 2010
ARC-CSI Crash Conference Las Vegas, Nevada <i>Topics included:</i> Vehicle Crash Testing, Perception/Reaction Studies, Compatibility of front mounted push bumpers and 'bull bars' with air bags, Applications of GPS data in collision reconstruction, Kinematics, Relationships of Momentum, PDOF, and Delta V, Auto/Pedestrian collision investigation	28 hours 2011
ARAS360 HD Advanced 3D Computer Diagramming and Animation for Incident Reconstruction Las Vegas, Nevada	24 hours 2012

Education cont'd

SAE (Society of Automotive Engineers) Designing for humans training Denton, Texas	4 hours 2015
TABC seller training certification certificate expires 08/16/2017	2 hours 2015
Evaluation & Analysis of Traffic Signal Timing, Measurements & Analysis of Crush Damage, Use of UAVs for Scanning, Mapping and Aerial Photography, Crash Reconstruction Workshop and Review of Cases TAARS seminar Round Rock, Texas	24 hours 2015
Witness Video Analysis Gyro Flight & Safety Analysis TAARS/SOAR Conference Round Rock, Texas	24 hours 2016
Symposium on Traffic Safety <i>Topics included:</i> Using UAVs in Crash Investigation, Electronic Logging Devices, Using Drones and Photogrammetry in Public Safety Applications, Traffic Crash Reconstruction Exercises and Problem Solving, EDR Update 2017, Tire Forensics and Tire Investigation Data, EDR Case Study, GM Pedestrian Protection Systems with their EDRs Institute of Police Technology and Management University North Florida Jacksonville, Florida (held in Orlando, Florida)	32 hours 2017
Classen-Buck Seminars, Inc.II Accident Investigation, Ethics, Rules & Regulations Y00101-SCHOOL; INSTR-846442	18 hours 2017
TAARS/SOAR Conference CRUSH Measurement & Analysis for Accident Reconstruction Instructed by John Dailey Dallas, Texas	24 hours 2017

Academic Appointments – Instructor Positions

1987-2008	Regional Police Academy Basic Accident Investigation (40 hour course)	Tarrant County College
1994-2009	Regional Police Academy Intermediate Accident Investigation (40 hour course)	Tarrant County College
1996-2009	Regional Police Academy Advanced Accident Investigation (80 hour course)	Tarrant County College
1996-2009	Regional Police Academy Collision Reconstruction (80 hour course)	Tarrant County College
1999-2009	Regional Police Academy Site Investigations & Forensic Mapping (40 hour course)	Tarrant County College
2000-Present	Texas District and County Attorneys' Association Intoxication Manslaughter (40 hour course)	
2005-Present	Texas District and County Attorneys' Association Investigators' School	
2000-2009	Regional Police Academy Basic & Advanced CAD Zone Mapping (40 hour course)	Tarrant County College
2005-2008	Regional Police Academy Accident reconstruction Software training REC-TEC LEO (24 hour course)	Tarrant County College
2005-Present	Crash Dynamics Commercial Motor Vehicle Accident Investigation (40 hour course)	
2005-Present	Crash Dynamics CRUSH, Energy Application in Collision Investigations & Analysis from Damage (40 hour course)	

Academic Appointments – Instructor Positions cont'd

2009-Present	Crash Dynamics Bicycle/Pedestrian Collision Reconstruction (40 hour course)
2009-Present	Crash Dynamics RECONstruction Update (40 hour course)
2009-Present	Crash Dynamics Motorcycle Collision Reconstruction (40 hour course)
2009-Present	Crash Dynamics Collision RECONstruction (80 hour course)
2010-Present	Crash Dynamics Advanced Collision Investigation (80 hour course)
2011-Present	Crash Dynamics Complex Collision RECONstruction (40 hour course)
2015-Present	Crash Dynamics REC-TEC Training (40 hour course)

Professional Organizations

Texas Association of Accident Reconstruction Specialists (T.A.A.R.S.)
 Texas Association of Accident Reconstruction Specialists - Treasurer 1999 - 2002
 National Association of Professional Accident Reconstruction Specialists (N.A.P.A.R.S.)
 International Network of Collision Reconstructionists (INCR)
 Homicide Investigators of Texas (H.I.T)
 Society of Automotive Engineers (SAE)

Affiliations

Tim Lovett is listed as a trainer for REC-TEC accident reconstruction software as well as a certified instructor for CAD Zone's Crash and Crime scene drawing software.

Tim Lovett has taught nation-wide for Visual Statement, a firm that specializes in collision diagramming, reconstruction, animation and simulation software.

Tim Lovett is a Senior Accident Reconstructionist with ARAS360. This international company offers sales, training, and support for a newly developed CAD product that utilizes satellite imaging for creating 3D diagramming and simulations. Lovett teaches this CAD program in the southwestern United States.

Tim Lovett is certified as a Senior Police Training Associate with International Police Training And Consulting Services. This company's primary focus addresses the significant shortcomings police advisors experience in providing sustainable law enforcement training to developing countries and new democracies throughout the world. Lovett has been selected as an IPTACS trainer based on his expertise in crime and collision scene investigation.

Writings

Intoxication Manslaughter Investigation and Prosecution

Written by Richard Alpert, Published by Texas District and County Attorney's Association in 2006 (2nd publishing 2009). Mr. Lovett wrote Chapter Two – Collision Reconstruction.

References and contracts upon request

Contact

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