



QUALIFICATIONS

The following categories outline my qualifications as a Collision Reconstructionist and is current as of October 2023.

Formal Education

- Bachelor of Science in Criminal Justice – Southwest Texas State University May 1996

Courses

- Basic Collision Investigations (24 hours – CAPCO Police Academy 1999)
- Intermediate Collision Investigations (40 hours – TEEEX September 2011)
- Advanced Collision Investigation (80 hours – TEEEX October 2011)
- Collision Reconstruction (80 hours – TEEEX November 2011)
- Pedestrian/Automobile Collision Investigation (40 hours – Delta CCT October 2012)
- Collision Update (8 hours – Delta CCT April 2017)
- CRUSH Energy Collision Investigation (40 hours – Crash Dynamics April 2017)
- Motorcycle Collision Investigation (40 hours – Crash Dynamics May 2018)
- Certified Standardized Field Sobriety Testing Practitioner (24 hours – San Marcos PD December 2000)
- Intoxilyzer Operator (40 hours – San Antonio College February 2003)
- Search Warrant Writing (16 hours – San Marcos PD August 2017)
- Reid Interview Basic and Advanced (24 hours – San Marcos PD January 2019)
- Laser Technologies Technician for TruPoint 200X and TruPulse equipment (4 hours – San Marcos PD December 2017)
- FSA Forensic Photography I (40 hours – TEEEX June 2019)
- FSA Forensic Photography II (40 hours – TEEEX July 2019)
- NAPD Driving Instructor (64 hours – NAPD at San Marcos PD October 2018)
- Collision Conference (6 hours – Bexar County DA January 2020)
- 2020 EDR Summit (18 hours – Crash Data Group Houston March 2020)
- How to Use the Bosch CDR Tool (4 hours – Crash Data Group March 2020)
- Bosch CDR Tool Technician (16 hours – Collision Safety Institute via Kevin Blackwood October 2020)
- Event Data Recorder Analyst Level I (40 hours – Institute of Police Technology and Management October 2020)
- Forensic Anthropology (40 hours – Texas State University Anthropology Department June 2021)
- FARO Scanner and SCENE software training (40 hours – RRR Investigations April 2022)

- Basic TCOLE Instructor (40 hours – Hays County Sheriff’s Office June 2022)
- Human Factors for Traffic Crash Investigation (20 hours – TAARS 2023 Conference October 2023)

Certifications

- TEEEX Collision Reconstructionist (Certification)
- Standardized Field Sobriety Testing Practitioner
- Breath Test Operator
- National Academy of Professional Driving Instructor
- Pursuit Intervention Technique (PIT) Instructor
- Basic TCOLE Instructor (Certification)
- Master Peace Officer

Class Instructed

- Basic Collision Investigation
 - University of Texas Systems Police Academy
- Intermediate Collision Investigation
 - San Marcos Police Department
- National Academy of Professional Driving
 - San Marcos Police Department
- Pursuit Intervention Technique
 - San Marcos Police Department
- Basic and Advanced Field Training Officer Course
 - San Marcos Police Department
 - Central Texas Council of Governments

Publications

- None at this time

Professional Memberships

- TAARS (Texas Association of Accident Reconstruction Specialists)

Positions in Collision Field

- Member of the San Marcos Police Department Collision Investigation Team
 - June 2011 – Present
- Supervisor of the San Marcos Police Department Collision Investigation Team
 - May 2017 – Present
- Owner of Vector Collision Reconstruction
 - June 2019 – Present

Other Qualifications

- During my tenure with the San Marcos Police Department, I have responded to and investigated hundreds of traffic collisions including dozens of fatal crashes. These tasks included, but not limited to:
 - Determining traffic/criminal violations
 - Determining speed
 - Scale diagramming

- Photography
- Identification of involved persons, witnesses, drivers and passengers
- Coordinating with Justice of the Peace and forensic autopsy locations
- Notification to next of kin
- Event Data Recorder downloads and analysis
- Supervising other officers for completion of records and reports.
- As the owner of Vector Collision Reconstruction, I've been hired by clients for various collision needs.
- Court room testimony in criminal trials from minor misdemeanors to murders and Intoxication Manslaughter
- Deposition experience in civil litigation

Should you need any further details or clarification, please contact me. I will be happy to assist in any way I can.

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