



TRAFFIC CRASH INVESTIGATION TRAINING ANNOUNCEMENT

AT-SCENE TRAFFIC CRASH INVESTIGATION

Sterling Heights Velocity Center, 6633 Eighteen Mile Rd, Sterling Heights, MI 48314

June 5 – 16, 2017

The scope of this 80 hr. course is to provide the student with the necessary skills required to document the scene of a traffic crash, create scale diagrams from field notes and field sketches and to be able to calculate vehicle speeds based on the laws of physics and the physical evidence visible at the scene of the crash. The student will also be given the knowledge to conduct vehicle exams to determine if a vehicle component may have contributed to the crash. This course is registered with MCOLES.

At the completion of this course, the student will be able to continue with advanced training at the Advanced or Technical level.

Upon completion of this course, the student will be able to:

- Measure crash scenes using the Coordinate method and Triangulation method of measuring.
- Create accurate field sketches and table of measurements to record scene data.
- Interpret skid mark evidence and differentiate between skid marks, yaw marks, and tire prints.
- Accurately measure tire marks and roadway evidence for documenting in a scale diagram.
- Photograph crash scenes as a method of documenting evidence.
- Create accurate scale diagrams of crash scenes using basic drafting equipment.
- Calculate accurate speed estimates using accepted speed formulas, including:
 - Minimum speed from skid marks – level surface, on a grade, partial braking and a combination of any of the previously mentioned situations
 - Determination of drag factor using both test skids and drag tire
 - Distance covered sliding from a known speed
 - Critical speed formula
 - Airborne equations
- Have an understanding of vehicle exams and vehicle components to be examined.
- Have an understanding of the human factors and the series of events that are involved in traffic crashes and how they affect the crash investigation.

For additional information contact, Mr. Lance Cook (989) 859-3929

Registration fees must be received no later than Friday, May 12, 2017.

Cost per student: \$850, eligible for 302 funding.



Traffic Safety Solutions, LLC was founded by five Law Enforcement Traffic Crash Reconstruction Specialists. All members are accredited by the Accreditation Commission for Traffic Accident Reconstruction (ACTAR) and have been qualified as expert witnesses in Traffic Crash Reconstruction. The five members of Traffic Safety Solutions have a combined experience of over 125 year of law enforcement experience and nearly 100 years investigating serious and fatal traffic crashes.

Mr. Tim Brown retired from the Michigan State Police after 26 years and was with the Traffic Crash Reconstruction Unit for 12 years. Mr. Brown investigated crashes in the Detroit Metro and outlying areas. Mr. Brown is currently the President of TDB and Associates in Clinton Township, MI.

Mr. John Bruno has been in Law Enforcement since 1984, and has been a Traffic Crash Reconstructionist since 1998 and investigates crashes throughout the Upper Peninsula. Mr. Bruno currently is a member of the ACTAR General Board of Directors and a member of the Michigan Association of Traffic Crash Investigators (MATAI).

Mr. Lance Cook has been working in law enforcement since 1987, and has been a Traffic Crash Reconstructionist since 1989. Mr. Cook investigated traffic crashes in Northern Lower Michigan and the Saginaw Bay/Thumb area. Mr. Cook is a board member of the Michigan Association of Traffic Accident Investigators (MATAI).

Mr. Gary Megge has been in law enforcement since 1994 and has been a Traffic Crash Reconstructionist since 1998. Mr. Megge investigated crashes in the Lansing, Jackson and outlying areas.

Mr. Doug Roesler retired from the Michigan State Police after 31 years and was with the Traffic Crash Reconstruction Unit for 21 years. Mr. Roesler investigated crashes in the Grand Rapids, Muskegon and outlying areas.

All members have experience working with road authorities at the state, county, and local levels on Traffic Control Orders, and with ensuring compliance with the Manual of Traffic Control Devices.

REGISTRATION FORM

Name: _____ Organization: _____

Mailing Address: _____ Telephone: _____

City: _____ State: _____ Zip: _____

Fax: _____ E-mail: _____

Course Date: June 5 - 16, 2017

Location: Sterling Heights Velocity Center, 6633 Eighteen Mile Road
Sterling Heights, MI 48314

Return To: Traffic Safety Solutions, LLC
P.O. Box 2412
Midland, MI 48641
Telephone: 989-859-3929

Tuition: \$ 850.00 per student

Make checks payable to: Traffic Safety Solutions, LLC