



TRAFFIC CRASH RECONSTRUCTION (088)



CLASS DATES AND LOCATION:

May 5-16, 2025 8:00 AM — 7:00 PM (Mon-Thurs & Tues-Fri)

Casselberry Police Department

115 Wilshire Boulevard

Casselberry, Florida 32707

Instructor: David Nugent & Daniel Negersmith

COURSE DESCRIPTION

Combined with the supportive training of *Basic Traffic Homicide Investigation, and Advanced Traffic Crash Investigation*, the student completing this training is prepared to become an expert in court concerning traffic crashes, allowing for the admission of expert opinions in how a traffic crash occurred.

In this course the student will receive training in formula derivations; the determination of the root scientific principle from which the traffic crash formula is derived. The student will learn Newton's laws of motion in the explanation of vehicle movement. Also the student will be taught angular applications to conservation of momentum and vector sum analysis.

Course Topics Include:

- Formula derivation
- Vehicle speed analysis
- Newton's laws of motion
- Conservation of momentum using angular collisions
- Extensive practical exercises and project work

CLASS INFORMATION

PREREQUISITES:

To attend this training the participant must be a Florida law enforcement officer or assistant state attorney. Their duties must include the investigation of traffic crashes or the support of crash investigators. The student must have taken and passed Basic Traffic Homicide and Advanced Traffic Homicide, or its equivalent. Certificates of completion may be required. This class is 80 hours and is a salary incentive course. Training Authorization forms must be signed by agency representative authorizing incentive pay.

WHAT SHOULD I BRING?

You will need a scientific calculator, your equation guide and a traffic template issued at the pre-requisite classes. All other materials will be provided by FPSI.

WHAT ARE THE EXPENSES TO ATTEND?

Tuition for FDOT grant funded classes is covered fully by the grant. Housing and meals are covered ONLY for classes held at the Florida Public Safety Institute where the student is traveling over 50 miles to attend.

ENROLLMENT

To view classes available, go to the Tallahassee State College website. To enroll for this course, click the link below:

[Course Registration](#)

For questions about registration or services we offer, contact the current program coordinator at:



Coordinator: Gerry Barrett

Email: traffsafe@tsc.fl.edu

Ph: (850)-201-7739

Florida Public Safety Institute