

Hosted by the Connecticut State Police



Traffic Crash Reconstruction

(80 Hours)

THIRD IN A SERIES OF THREE COURSES



Traffic Crash Reconstruction builds upon IPTM's *Advanced Traffic Crash Investigation* course by assisting you further in understanding vehicle dynamics. You will take part in a more intense study of time/distance calculations, two-dimensional momentum and impact speed calculations using momentum equations.

Topics include:

- Derivation and origin of the commonly used speed formulas
- Speed of vehicles at impact using conservation of linear momentum
- Behavior of vehicles in a collision using Newton's three laws of motion
- Discussions of commercial vehicle and motorcycle dynamics in collisions
- The determination of direction of travel, initial contact and position of vehicles on the roadway

This course includes extensive project work to give you first hand experience in crash reconstruction.



An accredited individual may retake IPTM's *Traffic Crash Reconstruction* course for ACTAR continuing education units only once every five years (after their initial five year accreditation period) for the purpose of updating their skills. Please call us at (904) 620-4786 for details.

Each student will be required to diagram and analyze several different crash scenarios as well as complete vector sum analysis of each.

Prerequisite: Because of the highly technical subject matter, it is mandatory for you to have successfully completed IPTM's *Advanced Traffic Crash Investigation* course or its equivalent.

Note(s): Please bring a scientific calculator and a compass with you. A 1-1/2" three-ring binder is recommended.

Audience: Law enforcement and private traffic crash investigators, claims adjusters, engineers, attorneys, safety officers, military investigative personnel, animators and graphic designers

Course Fee: \$1,195

August 4-15, 2025

**Connecticut State Police
Training Academy
285 Preston Avenue
Meriden, CT 06450**

REGISTRATION AND FEES

Full payment must accompany all registrations. You may register online at www.IPTM.org and pay with your Visa, MasterCard, Discover or American Express credit card, or you may download a registration form and mail it to IPTM with a check.

CANCELLATION/REFUND POLICY

Complete the Cancellation Request Form and return it to IPTM. No telephone cancellations will be accepted.

- Cancellations made less than 14 days before the course start date will incur a 25% administrative fee.
- Cancellations made less than 1 business day before the course start date will incur a 50% administrative fee.
- No refunds will be given for no-shows.

LODGING

Most locations are served by several major airlines. Ground transportation, food and lodging are the responsibility of the student. For more information, please visit our website at www.IPTM.org or call us at (904) 620-4786.

COURSE CONFIRMATIONS

A minimum number of registrations must be received for a class to run as scheduled. When the minimum criterion has been met, you will receive confirmation by email.

Please do not make airline reservations until you receive written notification confirming that the course will run as scheduled.

Register online at www.IPTM.org