



Training in Meriden, CT!

Traffic Crash Reconstruction - Level II

(40 Hours)

Learn the latest theories and methodologies of crash reconstruction and expand your knowledge of the principles of collision analysis in this advanced course. We will explore topics that have previously received limited coverage, as well as many new ones. While the course can be thought of as "in-service" training for traffic crash reconstructionists, ACTAR candidates will also find it beneficial.

We will review the mathematical equations that are used in conjunction with crash data to interpret how a collision occurred. Emphasis will be placed upon skid characteristics, spin analysis, critical speed yaw analysis and friction. The concepts of time-distance, uniform circular motion, pole impacts, conservation of linear momentum are just a few of the topics that will be covered.

As part of the course, you will be required to complete several in-class projects and a comprehensive, multi-disciplinary project designed to reinforce the class material.

Course Fee: \$895



This *Traffic Crash Reconstruction - Level II* course is eligible for 40 ACTAR CEUs. Please call us at (904) 620-4786 for details.

Topics include:

- Using geometry, trigonometry and selected mathematical topics as needed
- Dynamics, kinematics, and Newton's Laws of Motion as vector equations
- Drag/acceleration factor testing and determination
- Critical speed yaw analysis
- Important differences between CSY and spin analysis
- Time-distance analysis
- Pole and narrow object impacts
- Applications of conservation of linear momentum
- Fundamentals of rollover crash reconstruction
- Uniform projectile motion and airborne speed analysis

Prerequisite: You must have completed IPTM's *Traffic Crash Reconstruction* course, or its equivalent.

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

August 19-23, 2024

**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. A 20% administrative fee will be assessed to all refunds if the cancellation request is received within 14 days of the course start date. In lieu of a refund, student substitutions can be made or a credit can be issued for a future course. 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