



# Training in Windsor Locks, CT!

## Occupant Kinematics for the Traffic Crash Reconstructionist

(40 Hours)

This course will teach you how to recognize and interpret traffic crash evidence as it relates to occupant seating positions. We will show you how to determine the occupant movement from the crash damage and the subsequent injuries that resulted.

We will illustrate the basics of occupant movement and teach you how to ascertain the direction of movement during a collision. You will learn how to determine occupant seating positions and safety belt usage and we will examine the significance of airbag and other restraint deployments.

We'll show you how to read the medical records that can be obtained with a warrant as well as autopsy reports of the injuries sustained by the vehicle's occupants so you can understand how they relate to the investigation. When correlated with the vehicle damage, these reports can provide further evidence of occupant positions and movement.

Actual crashes will be used as case studies to allow you to put the theories into practice. This course is designed for traffic crash investigators who have a good working knowledge of the techniques and applications of formulas taught in basic crash investigation courses.

**Course Fee:** \$895



This course is eligible for 40 ACTAR CEUs. Please call us at (904) 620-4786 for details.

### Topics include:

- Calculation of PDOF
- Occupant movement
- Types of injury - contact and non-contact
- Injury forces
- Vehicle interior examination
- Injury terminology
- Occupant protection systems
- Reading medical and autopsy records
- Calculation of delta V

**Note:** You should bring a scientific calculator and a traffic template/engineering ruler (with a scale of at least 1:120, 1:240) to class.

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

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

**April 29-May 3, 2024**

**Connecticut Fire Academy  
34 Perimeter Road  
Windsor Locks, CT 06096**

### REGISTRATION AND FEES

Full payment must accompany all registrations. You may register online at [www.IPTM.org](http://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](http://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.**

To register online, visit [www.IPTM.org](http://www.IPTM.org)