



# 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. 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.

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

**Course Fee:** \$1095

\* For Florida Officers, this course will not qualify for Salary Incentive Credit for FDLE course "Traffic Accident Reconstruction."

### 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.

**To register for this course online,  
please visit our website at:  
[www.iptm.org](http://www.iptm.org)**

### COURSE CONFIRMATIONS

A minimum number of registrations must be received for a class to run as scheduled. When the minimum criterion has been met, written confirmation will be mailed, faxed, or emailed to you.

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

### TRANSPORTATION AND LODGING

Most locations are served by several major airlines. Ground transportation, food and lodging are the responsibility of the student. However, hotels in the listed areas offer a special rate to IPTM program participants. For more information, please visit our website at [www.iptm.org](http://www.iptm.org) or call us at (904) 620-IPTM.

### CONTINUING EDUCATION UNITS



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-IPTM for details.