



Commercial Vehicle Crash Investigation - Level I

(40 Hours)

FIRST IN THE COMMERCIAL VEHICLE CRASH INVESTIGATION SERIES

This intensive course will cover the unique characteristics of commercial motor vehicles and the special dynamics at play when one is involved in a collision.

Detailed information of the nomenclature and operation of commercial motor vehicles will provide you with a level of competence needed to have an adequate understanding of mechanical components, parts and pieces of the commercial motor vehicle and how they may factor into your investigation. To reinforce the concepts presented, you will conduct "hands-on" exercises and vehicle testing during the course.

Topics include:

- Tractor-trailer nomenclature
- Brake systems: configuration and operation
- Wheels, rims and tires
- Steering suspensions and frames
- Trailer coupling devices - fifth wheels
- Driver concerns - log books
- Vehicle components
- Center of mass determinations
- Skid mark measurements and speed analysis
- Jackknifing
- Rollover
- Vehicle dynamics in braking
- Weight shifting

Prerequisite: This course is designed for traffic crash investigators who have completed, at a minimum, IPTM's *At-Scene Traffic Crash/Traffic Homicide Investigation* course or its equivalent. You should have a good working knowledge of the techniques and applications of the formulas presented in the basic course, as the presentation of mathematical formulas will build upon techniques already used by investigators.

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

Course Fee: \$795

REGISTRATION AND FEES

Effective January 15, 2015, 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.

**To register for this course online,
please visit our website at:
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 or call us at (904) 620-IPTM.

CONTINUING EDUCATION UNITS



This Commercial Vehicle Crash Investigation - Level I course is eligible for 40 ACTAR CEUs. IPTM Continuing Education Units (CEUs) are also available. Please call us at (904) 620-IPTM for details.