

Commercial Vehicle Crash Investigation - Level I

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

Audience

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

Course Length

40 hours

Prerequisite(s)

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.

What to Bring

Required

- Scientific calculator

Recommended

SHARES

- Work clothes for outside activities (including in:lement weather)

- Camera and equipment to document field exercises

Other Courses in the Series

- [Commercial Vehicle Crash Investigation - Level II \(https://www.campusce.net/iptm/course/course.aspx?C=289\)](https://www.campusce.net/iptm/course/course.aspx?C=289)
- [Heavy Vehicle Electronic Control Module Data Use in Crash Reconstruction \(https://www.campusce.net/iptm/course/course.aspx?C=117\)](https://www.campusce.net/iptm/course/course.aspx?C=117)

ACTAR Information

IPTM's *Commercial Vehicle Crash Investigation - Level I* course is eligible for 40 ACTAR CEUs.

What Our Students Are Saying

- "Instructors were excellent and extremely knowledgeable." – J.T.
- "Sufficient time was given to explain CMV parts in order to understand what items the investigator looks at and uses during crash investigation." – A.G.
- "The instructor presented the material in a way that the entire class understood. He is an excellent grasp of the subject and related well with the real world examples." – S.S.

Commercial Vehicle Crash Investigation - Level I

1/22/2018 - 1/26/2018

Jacksonville Florida

Class times: 8:00 AM to 5:00 PM

Fee: \$795.00

Hotel and Location Information: [IPTM - University of North Florida \(http://iptm.unf.edu/travel/\)](http://iptm.unf.edu/travel/)

Adam W. Herbert University Center, 12000 Alumni Drive, Jacksonville, FL 32224

Instructor(s):

Register Myself

Register Others

Commercial Vehicle Crash Investigation - Level I

7/9/2018 - 7/13/2018

Lawrence Indiana

Class times: 8:00 AM to 5:00 PM

Fee: \$795.00

Hotel and Location Information: [IVY Tech University \(https://iptm.unf.edu/locations/IVY_Tech_University/\)](https://iptm.unf.edu/locations/IVY_Tech_University/)

Room TBD, 9530 East 59th Street Lawrence, IN 46216

Instructor(s):

Register Myself

Register Others

Commercial Vehicle Crash Investigation - Level I**8/6/2018 - 8/10/2018****Jacksonville Florida**

Class times: 8:00 AM to 5:00 PM

Fee: \$795.00**Hotel and Location Information:** [IPTM - University of North Florida \(http://iptm.unf.edu/travel/\)](http://iptm.unf.edu/travel/)

Adam W. Herbert University Center, 12000 Alumni Drive, Jacksonville, FL 32224

Instructor(s):**Register Myself****Register Others****Commercial Vehicle Crash Investigation - Level I****9/24/2018 - 9/28/2018**

Class times: 8:00 AM to 5:00 PM

Hotel and Location Information: [Arizona Department of Public Safety \(https://iptm.unf.edu/locations/Arizona\)](https://iptm.unf.edu/locations/Arizona)

Room TBD, 2102 West Encanto Blvd. Phoenix, AZ 85009

Instructor(s):**Register Myself****Register Others****Quicklinks**[Cancellations and Refunds](https://iptm.unf.edu/Cancellations_and_Refunds/)[\(https://iptm.unf.edu/Cancellations_and_Refunds/\)](https://iptm.unf.edu/Cancellations_and_Refunds/)[Registration Login](https://www.campusce.net/iptm/account/signin.aspx)[\(https://www.campusce.net/iptm/account/signin.aspx\)](https://www.campusce.net/iptm/account/signin.aspx)[Driving Directions](https://iptm.unf.edu/Driving_Directions/)[\(https://iptm.unf.edu/Driving_Directions/\)](https://iptm.unf.edu/Driving_Directions/)[FAQs \(https://iptm.unf.edu/FAQs/\)](https://iptm.unf.edu/FAQs/)**Follow IPTM**[\(https://www.facebook.com/iptm1/\)](https://www.facebook.com/iptm1/)[/iptmnews](https://twitter.com/iptmnews) [\(https://twitter.com/iptmnews\)](https://twitter.com/iptmnews)**Privacy Statement**[\(https://iptm.unf.edu/privacy\)](https://iptm.unf.edu/privacy/)**University of North Florida**<http://www.unf.edu>

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