While many crash investigation courses focus on the interpretation of physical evidence to determine "how" a collision occurred, this course will examine a variety of human factors to determine "why" a collision occurred.

This course utilizes lectures, discussions, in-class demonstrations and outside field exercises to give you an appreciation for the importance of human factors in explaining collision causation. You will gain an understanding of how frail human evidence is and why the ability to interpret and analyze physical evidence is critical to the success of any collision investigator.

In addition to the driver, vehicle and roadway characteristics that must be considered in an investigation, this course also addresses the nature of perception and reaction, the factors affecting the investigator’s choice of perception-reaction values as well as eyewitness reliability.

Topics include:
- The nature of the driving task
- Factors affecting driving performance, such as age, alcohol/drug use, fatigue, divided attention, driver distraction, and many others
- Human vision/perception and how we see anything in the driving environment
- The nature of driver perception and reaction and how to assign times
- Day vs. night
- Computerized perception-reaction time estimation
- Driver looking behavior
- The value and reliability of eyewitness evidence
- Eyewitness evidence versus physical evidence
- Important vehicle and roadway factors that should be considered

Prerequisite: You must have completed, at a minimum, IPTM's At-Scene Traffic Crash/Traffic Homicide 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: $895

To register for this course online, please visit our website at: www.iptm.org