



# Traffic Crash Reconstruction Update

(40 Hours)

This course will provide you with the latest theories and methodologies of crash reconstruction and expand your knowledge of the principles of collision analysis.

Much more than “just a refresher” class, we will present topics that have previously received limited coverage as well as many new ones. While the course can be thought of as “in-service” training for traffic crash reconstructionists, ACTAR candidates will also find it beneficial.

We will review the mathematical equations that are used in conjunction with crash data to interpret how a collision occurred. Emphasis will be placed upon skid characteristics, spin analysis, critical speed yaw analysis and friction. The concepts of time-distance, uniform circular motion, pole impacts, conservation of linear momentum and using simultaneous equations to solve inline collisions are just a few of the topics that will be covered.

As part of the course, you will be required to complete several in-class projects and a comprehensive, multi-disciplinary project designed to reinforce the class material.

## Topics include:

- Geometry, trigonometry and selected mathematical topics
- Dynamics and Newton’s Laws of Motion
- Skid analysis and testing
- Critical speed yaw analysis
- Time-distance analysis
- Concepts in rotational mechanics
- Pole and narrow object impacts
- Conservation of linear momentum
- Fundamentals of rollover crash reconstruction
- Uniform projectile motion and airborne speed analysis

**Prerequisite:** You must have successfully completed IPTM’s *Traffic Crash Reconstruction* 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, ACTAR candidates

Course Fee: \$825

**May 13-17, 2019  
Lafayette, Indiana**

**Course will be held at the:  
Lafayette Police Training Center  
1301 South Street  
Lafayette, Indiana 47901**

## 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.

## 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) 620-4786.

## CONTINUING EDUCATION UNITS



This *Traffic Crash Reconstruction Update* course is eligible for 40 ACTAR CEUs. IPTM Continuing Education Units (CEUs) are also available. Please call us at (904) 620-4786 for details.

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



# Institute of Police Technology and Management

University of North Florida

## Registration Form

### STUDENT INFORMATION

First Name: \_\_\_\_\_ Day Phone: \_\_\_\_\_  
Middle Initial: \_\_\_\_\_ Student Fax Number: \_\_\_\_\_  
Last Name: \_\_\_\_\_ Student Email: \_\_\_\_\_  
Address: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
Zip Code: \_\_\_\_\_  
City: \_\_\_\_\_  
State: \_\_\_\_\_  
Occupation (Rank): \_\_\_\_\_  
Employer (Agency Name): \_\_\_\_\_

*Americans with Disabilities Act Program Accessibility:*  
Individuals who require reasonable accommodation in order to participate must notify the registrar at (904) 620-IPTM at least five working days prior to the class.

### COURSE INFORMATION

Course Title: \_\_\_\_\_  
Course Dates: \_\_\_\_\_  
Course Location: \_\_\_\_\_  
Course Fee: \$ \_\_\_\_\_

**Full payment must accompany all registrations!**

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

### PAYMENT INFORMATION

*Payment must be submitted with your registration.*

Check enclosed for: \$ \_\_\_\_\_ *Make check payable to: Institute of Police Technology and Management*  
 Bill my:  Visa  MasterCard  American Express  Discover for \$ \_\_\_\_\_  
Card #: \_\_\_\_\_ 3- or 4-digit security code: \_\_\_\_\_  
Name as it appears on card: \_\_\_\_\_ Expiration Date: \_\_\_\_\_  
Email receipt to: \_\_\_\_\_

#### **CANCELLATION/REFUND POLICY:**

Complete the Cancellation Request Form found at [www.iptm.org](http://www.iptm.org) 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. Refunds will normally be processed in 6-8 weeks.

### REGISTERING PERSON'S INFORMATION (If different than student)

Registering Person's Name: \_\_\_\_\_  
Registering Person's Title: \_\_\_\_\_ Phone Number: \_\_\_\_\_  
Registering Person's Email: \_\_\_\_\_

**Return to:** Institute of Police Technology and Management/University of North Florida  
12000 Alumni Drive • Jacksonville, Florida 32224-2678  
Phone: (904) 620-IPTM (4786) • Fax: (904) 620-2453 • E-mail: [info@iptm.org](mailto:info@iptm.org)