



# TRAINING IN RIDGEFIELD, WA!

## Investigation of Motorcycle Crashes - Level I

(40 Hours)

This course is designed for experienced traffic crash investigators who have a good working knowledge of the techniques and applications of formulas taught in basic crash investigation courses and who wish to build upon that foundation with more advanced mathematical formulas used to analyze motorcycle crashes.

You will be given a manual of applicable information to use as a motorcycle reference book.

### Topics include:

- Analyzing and interpreting the motorcycle crash scene
- Determining acceleration and deceleration characteristics of the motorcycle
- Analyzing and interpreting modes of instability and handling characteristics in motorcycles
- Interpreting the operator factor
- Reviewing motorcycle tires, helmets and other equipment
- Using a practical application of formulas (projects)

**Note:** You should bring a scientific calculator and a traffic template to class. We also recommend that you bring a 2GB or higher flash drive.

**Prerequisite:** You must have completed, at a minimum, 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:** \$795

**December 11-15, 2023**

**Clark County Sheriff's Office  
505 Northwest 179th Street  
Ridgefield, WA 98642**



This *Investigation of Motorcycle Crashes - Level I* course is eligible for 40 ACTAR CEUs. Please call us at (904) 620-4786 for details.

### 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. Credit must be used within 1 year and cannot be refunded. No refunds will be given for no-shows.

### LODGING

Most locations are served by several major airlines. Ground transportation, food and lodging are the responsibility of the student. For more information, please visit our website at [www.IPTM.org](http://www.IPTM.org) or call us at (904) 620-4786.

### COURSE CONFIRMATIONS

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# TRAINING IN RIDGEFIELD, WA!

## Investigation of Motorcycle Crashes - Level II

(40 Hours)

This course builds on the information covered in *Investigation of Motorcycle Crashes* and presents a more extensive look at the dynamics and operational principles of the motorcycle and rider. We will teach more advanced mathematical formulas and analytical techniques that will provide you with recognized and accepted values to use during a case analysis.

A group project will introduce a method to determine the maximum tire lean angle and contact patch migration. Additional projects will give you an opportunity to individually analyze the information and utilize the equations in real-world scenarios.

### Topics include:

- New motorcycle technology systems
- Time-Distance, airborne analysis, circular motion
- Speed in gear analysis
- Wheelbase reduction information
- Braking with weight shift
- Stoppies and wheelies
- Motorcycle tire forces
- Swerving-collision analysis
- Custom and specialty motorcycle crash analysis
- Rotational crash analysis

**Course Fee:** \$895

**Note:** You should bring a scientific calculator, a traffic template/engineering scale, and a protractor to class. It is also recommended that you bring a 2GB or higher flash drive with you.

**Prerequisite:** You must have completed, at a minimum, IPTM's *At-Scene Traffic Crash/Traffic Homicide Investigation*, *Advanced Traffic Crash Investigation*, and *Investigation of Motorcycle Crashes* (completed after 2000), or their equivalents.

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

**Jan. 29-Feb. 2, 2024**

**Clark County Sheriff's Office  
505 Northwest 179th Street  
Ridgefield, WA 98642**



This *Investigation of Motorcycle Crashes - Level II* course is eligible for 40 ACTAR CEUs. Please call us at (904) 620-4786 for details.

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# 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. Credit must be used within one year and cannot be refunded. 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)