



N.I.F.S.
1405 E. Chapman Ave.
Orange, CA 92866

"Vehicle Accident Documentation, Occupant Kinematics and Injury Potential Determination"

with special emphasis on

- Low Speed Impact Rear End Collisions
- Live Vehicle Collision Demonstration

C.E. APPROVED:

**MCLE CPCU
CIPI CALI**

Friday, November 18, 2011
8:30 A.M. – 1:30 P.M.
at
Rancho Auto Auction
3780 Recycle Road
Rancho Cordova, CA 95742

Presented by
**The National Institute of
Forensic Studies**
A Division of Impact General, Inc.

Course Description and Objectives

The object of this course is to teach the insurance professional, attorney and investigator proper techniques for documenting, inspecting, evaluating and understanding the dynamics of low speed impacts involving claimed injuries.

Documentation: Done properly, the information in the file gives the examiner or expert ample data for reconstructing the accident, even at a much later date, and makes the determination of speeds and forces easier and more reliable.

Occupant Kinematics & Biomechanics: Another distinctive feature of this course is a thorough discussion of occupant kinematics during traffic accidents including, but not limited to, low impact rear end collisions. The anticipated outcome is to raise the level of awareness regarding the likelihood of injuries having resulted from this type of collision. Thus, the participants will acquire practical information and special insights regarding the preliminary assessment of the merit of bodily injury claims in low speed collisions.

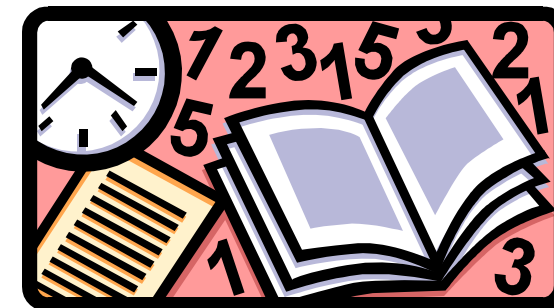
Course Outline

I. LOW-SPEED COLLISION DEMONSTRATION

The demonstration will involve a series of rear end collisions, sideswipes and bumper to fender impacts. Students will gain knowledge on the actual dynamics of low speed collisions. The exercise will include the inspection and photographing of damaged vehicles under the guidance and supervision of the instructors.

II. DAMAGED VEHICLE INSPECTION & DOCUMENTATION

- Vehicle damage inspection--contact and induced damage
- Preexisting conditions
- Vehicle damage documentation--effective photography
- Measuring and recording vehicle deformation
- Locating bumper damage, identify bumper type and bumper dynamics



III. OCCUPANT KINEMATICS

- Understanding vehicle and occupant behavior in collisions-- basic laws of motion
- Effects on the occupants and direction of motion resulting from:
 - Centered frontal collisions
 - Sideways collisions
 - Rear end collisions - Emphasis on low speed/impact
 - Non-centered impacts
- The effect of restraining systems on the occupants during an accident
- Newton's Law of Motion
- What the injury studies say
- Terminology
 - Change in velocity ΔV
 - Impact/closing speeds
 - g acceleration/forces
- Headrests--position and function
- Parts of the vehicle's interior, which may yield data pertinent to occupant injuries

Who Should Take this Course?

- Insurance Adjusters and Claims Managers
- Attorneys
- Independent Adjusters
- Collision Reconstructionists
- Staff Appraisers
- Independent Appraisers

NIFS Director

William H. King

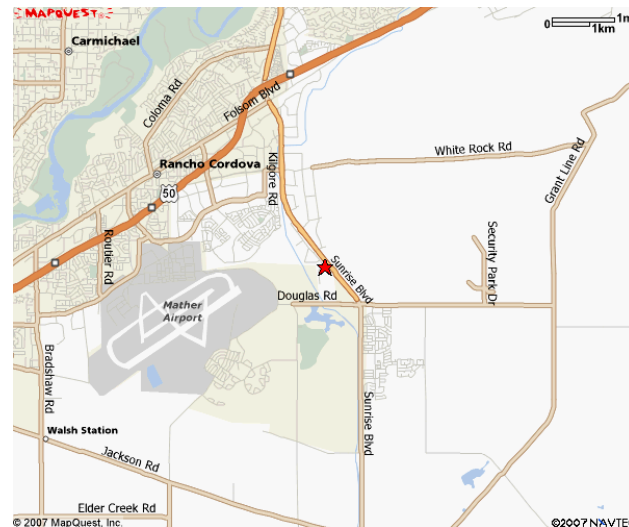
Faculty

William Edmonds
Collision Reconstructionist
Michael Rice
Collision Reconstructionist

Continuing Education Credit

MCLE APPROVED

The National Institute of Forensic Studies certifies that this activity has been approved by the State Bar of California for 3.5 MCLE credits for attorneys. This course is approved for CPCUs. A certificate of attendance will be awarded to all participants.



Course Schedule

- 8:30-9:00 a.m. Registration/
Continental Breakfast
- 9:00-10:00 a.m. Opening
**Damaged Vehicle
Inspection &
Documentation**
- 10:15-11:00 a.m. **Live Vehicle Collision**
- 11:00-12:15 a.m. **The Biomechanics of
Injury--Low Impact
Rear End Collisions**
- 12:15-1:30 p.m. Closing Remarks/Lunch

REGISTRATION:

You may register by phone:
(800) 688-1628 (714) 532-1621

By FAX:
(714) 532-5734

Or by mail
**The National Institute of Forensic
Studies, 1405 E. Chapman Ave.,
Orange, CA 92866**

However, your registration is not confirmed until the fees are received.

CANCELLATION POLICY:

All the tuition will be refunded if cancellation takes place 7 days or more before the scheduled date for the course. Cancellations must be in writing. No refund will be issued for cancellations made less than 7 days before the event,

but substitutions may be made at any time. This course is offered subject to a minimum enrollment of 50 students. If canceled due to lack of sufficient enrollment, a full refund of the tuition will be made.

REGISTRATION FORM

Please register the following in your course:
"Vehicle Accident Documentation, Occupant Kinematics and Injury Potential Determination"

1. Name _____
Title _____
2. Name _____
Title _____
3. Name _____
Title _____
Company _____
Address _____
Telephone No. _____

- Confirm phone or FAX reservation of _____ (date)
- Check enclosed.

Space is limited.

To insure your participation, reserve early.
DEADLINE: November 10, 2011

FEES:

A \$95 fee for tuition. Make checks payable to: **Impact General, Inc.**

VISA/MASTERCARD/AMERICAN
EXPRESS:
Call 800-688-1628

**ALL FEES MUST BE PAID IN
ADVANCE.**