

Traffic Accident Reconstruction

Presented by Rudy Degger and WeCARE

November 29 - December 10, 2021

POST Course Control No. 1122-33672-21-001



Student Case Studies



DESCRIPTION

- ◆ Speed of vehicles at impact using conservation of linear momentum
- ◆ Integration of EDR / airbag control module data
- ◆ Trigonometry in Crash Reconstruction
- ◆ Energy and damage calculations & application of Delta-V
- ◆ Occupant kinetics: Who was driving
- ◆ Time-distance and basic motion calculations
- ◆ Projectile motion calculations
- ◆ Determine direction of travel, initial contact and maximum engagement
- ◆ Calculate POST impact speed using spin analysis
- ◆ Behavior of vehicles in a crash using Newton's laws of motion
- ◆ Motorcycles: Braking capabilities, rider vault & speed from damage
- ◆ Heavy trucks: Braking capabilities, roll-over problems & speed estimates
- ◆ Driver perception & response time (PRT)

PREREQUISITE

Successful completion of *Advanced Accident Investigation* or similar class. Students should have a good working knowledge of basic algebra.

INSTRUCTOR: Rudy Degger, ACTAR

STUDENTS MUST TO BRING A LAPTOP COMPUTER.

DATE: Nov. 29 - Dec. 10, 2021 (80 hour class)

TIME: Monday through Friday 8:00 a.m. - 5:00 p.m.

LOCATION: Hyatt House (hotel)

2611 Contra Costa Blvd.
Pleasant Hill, CA 94523

Contact for information & registration:

Nancy Degger - WeCARE Manager
Office: 877.944.5903 Mobile: 530.927.9748 email:
wecare4recon@gmail.com

Host Hotel:

Hyatt House (hotel) in downtown Pleasant Hill, CA

Free parking, walk to coffee, restaurants, shops, theater. Short drive to Contra Costa Center BART and Walnut Creek.

TO REGISTER:

Mail or Email your completed registration form along with your payment payable to We.C.A.R.E.

Phone: (530) 944.5903

Email: wecare4recon@gmail.com

TUITION - Payable to WeCARE

\$850.00 paid on or before 10/20/2021

\$900.00 paid after 10/20/2021

\$950.00 paid after 11/19/2021

Checks payable to WeCARE, MC, VISA, AMEX accepted.

Please review our cancellation policy.



WeCARE
West Coast Accident
Reconstruction Education
WeCARE is a POST provider

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Hyatt House (Hotel) in Pleasant Hill, CA
November 29 - December 10, 2021
POST Course Control No. 1122-33672-21-001

How To register:

- 1) Please use one registration form per student. Please print or type COMPLETE information.
- 2) Payments may be combined for more than one student per department.
- 3) Early registration and payment deadline is 10/20/2021
- 4) If paying Credit Card, **Email** this form with your credit card information to We.C.A.R.E.
Email: wecare4recon@gmail.com
- 5) If paying by check, mail this form along with your payment (payable to WeCARE) to
WeCARE, PO Box 1647, Graeagle, CA 96103.

STUDENT MUST BRING A LAPTOP COMPUTER. POWERPOINT & HANDOUTS ARE PROVIDED AS PDF FILES ON A THUMB DRIVE. THE LAPTOP MUST HAVE MICROSOFT EXCEL INSTALLED. BASIC INSTRUCTION FOR BUILDING & USING SPREADSHEETS TO MAKE CALCULATIONS IN-CLASS, IS A PART OF THE COURSE CURRICULUM.

STUDENT INFORMATION:

Student Name: _____

POST ID #: _____

Department: _____

Contact Phone: _____

Student E-mail: _____

Training Manager E-mail: _____

Registration Options:

\$850.00 paid before 10/20/2021**

\$900.00 paid after 10/20/2021

\$950.00 paid after 11/19/2021

***Cancellation Policy: If you cancel before 10/20/21 tuition will be refunded less \$50. Cancellation after 10/20/21 there is no refund. Agencies may substitute a student for this class, or the tuition may be applied to a future TAR class.*

PAYMENT METHOD: Check # _____ PO # _____

Credit Card..... VISA MC AMEX

Card # _____ Exp. Date: _____ Security Code _____

Email Receipt To: _____

Name on Credit Card: _____ Contact Phone: _____

Credit Card Billing Address: _____ Zip: _____

For Wecare administration only: received _____ paid _____ confirmed _____ receipt # _____