

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.

Once you have received a space in this class, you will receive reservation instructions regarding how to book a discounted rate at the Hyatt House.

Please note: there are a number of hotel choices in the area if you are in need of lodging during this class. WeCARE is using the seminar space at this particular hotel due to location and convenience. If you are attending class from a local area, there is free daily parking on-site.



WeCARE

**West Coast Accident
Reconstruction Education**

WeCARE is a POST provider

PO Box 1647 Graeagle, CA 96103

B: (877) 944-5903 Mobile: (530) 927-9753

Wecare4recon@gmail.com

www.rudydegger.com

Please Note: All class have a covid vaccine verification policy.

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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.*

Please note: All classes have a covid vaccine verification policy.

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 # _____