

**SRR Training, UCONN Transportation Safety Research Center  
and the Plainville, CT Police**

**Present**

# **Crash Reconstruction**

**Where:** Plainville Police Dept.  
19 Neal Ct.  
Plainville, CT 06062

**When:** July 15- July 26, 2019  
Monday - Friday

**Time:** 8:00AM – 4:00PM

**Check-in:**

7:30AM – 8:00AM  
Monday, July 15, 2019

**To Register, please complete the registration form that is attached to this course flyer and email to [reggie@srrtraining.com](mailto:reggie@srrtraining.com).**

**Tuition Fee:** \$975 per person

**Purchase Orders and/or checks should be sent to:**

SRR Traffic Safety Consulting, LLC  
7 Marion Avenue  
Andover, MA 01810

**Inquiries can be directed to:**

Chief Reggie Redfern (Ret.)  
Phone: 413-626-9554  
[reggie@srrtraining.com](mailto:reggie@srrtraining.com)

Or

Sgt. John Quilter  
Training Supervisor, Plainville, CT PD  
Phone: 860-747-1616  
E-mail: [quilter@plainville-ct.gov](mailto:quilter@plainville-ct.gov)



This 80-hour course is designed for those officers who wish to advance to the level of reconstructionist. The course contains reconstruction methodologies, derivation of equations sensitivity of the methods to uncertainties in field data and vehicle dynamics. Interested students should have completed SRR's Basic Crash Investigation and SRR's Advanced Crash Investigation or their equivalence as a prerequisite.

This highly technical course requires a strong background in mathematics on the part of the attendee. However, attendees of SRR's *Basic Crash Investigation* and *Advanced Crash Investigation* 80-hour courses will find that this training builds on the knowledge they gained in these two previously attended courses. Upon completing this course, students will:

Understand and explain Newton's laws of motion;  
Understand the difference between kinetic energy and potential energy and how they relate to speed;  
Understand and effectively apply reconstruction formulas relating to:

- Minimum speed equations
- Kinetic energy equations
- Airborne speed equations
- Combined speed equations
- Critical speed equations
- Yaw radius equations
- Conservation of Linear Momentum
- Vector Addition
- Roadway friction adjustment for grade
- Roadway friction adjustment for braking percentages
- Speeds from crush damage

Students will also complete the course with a strong knowledge and understanding of the following topic areas:

- In-line Impacts;
- Oblique Impacts;
- Utility Pole Impacts;
- Multiple Departure Momentum Analysis;
- Vector Analysis;
- Special problems in momentum
- Fundamentals of Reconstruction Computer Software Programs;
- Analysis of Information and Courtroom Preparation

Individuals, after having completed Basic Crash and Advanced Crash Investigation and after successfully passing and completing this course will have reached all the necessary requirements related to training to be recognized as a crash reconstructionist.

**Instructor:** Dale Farmer, has been a reconstructionist since 1996 and retired from the Kingsport, TN PD in September 2013 after 31 years in law enforcement. In 2001, he received accreditation from ACTAR (#1182) and was certified as a DRE in 2005. Mr. Farmer formed Farmer Collision Analysis in 1999 and investigates crashes in Tennessee, Virginia, Arkansas, North Carolina and Kentucky. Mr. Farmer has testified numerous times as an expert in crash investigations and crash reconstruction in Tennessee and Kentucky in Civil, Criminal and Federal Courts. Mr. Farmer currently teaches crash investigation and DUI enforcement classes for the Tennessee Governors Highway Safety Office, Walters State Community College Law Enforcement Academy and the Tennessee Attorney Generals Conference. He joined the growing list of professional instructors for SRR Training in 2016. Mr. Farmer is currently member of the Board of Directors for ACTAR and is nationally known for his expertise in crash reconstruction and his teaching ability in this field.



Please provide the following:

Subject Line of Email: (Please type "REGISTRATION FORM")

Copy, Paste and Fill in Requested Information in a Separate Email

Course Title: Crash Reconstruction, Plainville, CT

Name:

Email:

Rank:

Agency:

Street:

City:

State:

Zip:

Day Phone:

Purchase Order#:

Contact Person for Billing and their email address:

Additional Officers attending (Names and email addresses)

Email to [reggie@srrtraining.com](mailto:reggie@srrtraining.com)

**If you do not receive a confirmation email within 2 days please call the number below.**

Please call if you have any questions.

Thank you!

Chief Reggie Redfern (Ret.)

President/CEO

413-626-9554