Advanced Collision Reconstruction with CDR Application

Add advanced CDR analysis expertise to your crash reconstruction tool box.

**COURSE CONTENT:**
- Pre-crash data & recorded crash pulse data
- Calculating delta-v from acceleration data
- Finding impulse delta-v from x/y delta-v data
- PDOF from x/y delta-v data
- Adjusting x-axis delta-v to represent impulse delta-v
- Single Equation Approach to 360° Momentum Analysis
- Finding impact & post-impact velocities
- Reconciling pre-crash & post-crash CDR data

Enroll in this five-day, on-ground CDR reconstruction course to explore advanced methods for analyzing CDR data in collision reconstructions.

Drawing from the skills and lessons taught in Crash Data Retrieval Analysis & Applications, the course curriculum takes the data analysis further — with particular emphasis on how to properly use delta-v data to determine impact and post-impact velocities in various crash scenarios. NUCPS instructors incorporate a review of pre-crash and delta-v data from currently supported vehicles and may include additional updated CDR information.

The techniques taught in this class are all applicable to common, real-world situations. All of the projects instructors present in this class are based on actual crashes and utilize data downloads obtained from those collisions.

**Register Now**

FIND AN UPCOMING COURSE
nucps.northwestern.edu/crashelectives

**PREREQUISITES**
*Traffic Crash Reconstruction 1; Crash Data Retrieval Analysis & Applications*

**EARN:**
40 ACTAR CEUs