

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/crasselectives



PREREQUISITES

Traffic Crash Reconstruction 1; Crash Data Retrieval Analysis & Applications

EARN:

40 ACTAR CEUs