

ADVANCED COLLISION RECONSTRUCTION WITH CDR APPLICATIONS

LOCATION:

OMAHA POLICE DEPARTMENT - WEST PRECINCT
20924 CUMBERLAND DRIVE ELKHORN, NE 68022

SEPTEMBER 14TH – 18TH, 2026

START TIME: 8:00 AM

TOPICS INCLUDE:

OVERVIEW OF PRE CRASH DATA SOURCES AND RECORDED CRASH PULSE DATA
CALCULATING ΔV FROM ACCELERATION DATA
CALCULATING IMPULSE ΔV FROM X/Y ΔV DATA
CALCULATING PDOF FROM X/Y ΔV DATA
ADJUSTING X AXIS ΔV TO REPRESENT IMPULSE ΔV
SINGLE EQUATION APPROACH TO 360° MOMENTUM ANALYSIS
CALCULATING IMPACT & POST IMPACT VELOCITIES FROM CDR DATA (ΔV & PDOF)
RECONCILING PRE CRASH AND POST CRASH CDR DATA
ANALYZING CDR DATA IN CONTEXT OF YOUR RECONSTRUCTION

COURSE INSTRUCTOR
GREG RUSSELL

RECOMMEND COURSE PERQUISITE:
COMPLETION OF CDR ANALYST COURSE
(LEVEL 1)

(THIS IS NOT A REPLACEMENT FOR A CDR ANALYST COURSE)

FOR COURSE REGISTRATION CONTACT:

OPD TRAINING MANAGER
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