



The Canadian Association of Technical Accident Investigators and Reconstructionists

Ontario Region

ADVANCED RECONSTRUCTION WITH CDR APPLICATIONS

Presented by Greg Russell and Brad Muir

March 6 - 10, 2023

York Regional Police

70 Bales Drive E., East Gwillimbury, Ontario

ACCIDENT ANALYSIS
& RECONSTRUCTION, INC



CATAIR (Ontario Region) announces the Advanced Reconstruction with CDR Applications Course. This course will be presented at the York Regional Police Training Facility by experienced instructors Greg Russell and Brad Muir of Accident Analysis and Reconstruction Inc.

This course builds on the Advanced CDR Analysis Course and takes CDR data analysis to the next level. Material in this class includes data from actual crashes and staged crash tests.

Topics include:

- Data interpretation; including pre-crash parameters such as vehicle speed, throttle position, engine speed and brake application
- Calculating ΔV from acceleration data
- Calculating Total ΔV and adjusting ΔV_x
- Calculating Principle Direction of Force from ΔV_x and ΔV_y
- Using 360° Conservation of Linear Momentum with a single equation
- Calculating pre-impact and post-impact velocities from CDR data
- Reconciling internally recorded data with data from external sources
- and more...

At the conclusion of this course the participant will be able to incorporate these advanced CDR data analysis techniques in their investigations.

For more detailed information visit www.cdr-trainers.com

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REGISTRATION FORM

Name: _____ Name for nametag: _____

Organization/Business: _____

Address: _____

Phone: _____ Fax: _____

E-mail: _____ ACTAR # _____

Membership Affiliation: _____ Member Number: _____

Course Fees

Member * \$650.00 Full Course

Non-Member \$700.00 Full Course

* Member includes a membership with another recognized organization such as
NAPARS, MATAI, NATARI, NYSTARS, etc.

Mail completed registration form to:

CATAIR Ontario Chapter - 39 Sugarbush Road, Coldwater, Ontario L0K 1E0

...or e-mail to catair.ontario@bell.net

Please enclose a cheque payable to CATAIR Ontario Chapter, or use PayPal link on the CATAIR website.

Please Note: Meals and accommodations are the responsibility of the participant.