



## **Closing Velocity Inc.**

Crash Reconstruction Consultants

[www.closingvelocity.com](http://www.closingvelocity.com)

### **Michael Cowsert**

Crash Reconstructionist

President of Closing Velocity

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(847)421-6459

## **Education**

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Bachelor of Arts in Criminal Sciences– University of Illinois at Chicago (1994)

## **Certifications**

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- Certified by Crash Data Retrieval Technician and Analyst through Bosch in (2007), (recertified in 2009)
- Certified by the Accreditation Commission for Traffic Accident Reconstruction (ACTAR #1383, 2003)
- Certified by State of Illinois as a Crash Reconstruction Specialist (2002)
- Certified by Northwestern University’s Center for Public Safety as an Accident Reconstructionist (2002)

## **Professional Education**

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- Crash Data Retrieval Recertification (Crash Data Group/Bosch 2009)
- Criminal Interrogations and Behavioral Interviews (John Reid & Associates, Inc. 2008)
- Crash Data Retrieval (Crash Data Group/Bosch 2007)
- Highway-Rail Grade Crossing Collision Investigation (International Association of Chiefs of Police 2007)
- Crush Analysis (Illinois Police and Training Management 2006)
- Vericom Accelerometer Certification (Vericom Computers Incorporated 2003)
- Introduction to Crash Data Retrieval (Northwestern Police Association 2003)
- Advanced Accident Reconstruction (Northwestern University 2002)
- Accident Reconstruction (Northwestern University 2002)
- Vehicle Dynamics (Northwestern University 2001)
- Technical Accident Investigation (Northwestern University 2001)
- At-Scene Investigation (Northwestern University 2000)

## **Professional Experience and Expertise**

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- Vehicle, Motorcycle, Truck, Pedestrian, and Bicycle Accidents
- Low and High Speed Collisions
- At-scene Photography and Measurement
- Roadway Evidence Examination
- Vehicle Damage and Crush Analysis
- Seat Belt, Airbag, Headlamp and Tire Examination
- Crash Data Retrieval (Black Box Technology)
- Momentum Analysis
- Occupant Kinematics
- Perception and Delay Analysis
- Time, Speed Distance Scenarios
- Computer Generated Scale Diagram Development
- Police and Expert Report Review
- Illinois Vehicle and Criminal Code

## **Professional Affiliations**

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- Vice President of the Illinois Association of Technical Accident Investigators (IATAI) (2007-2009)
- Recognized Expert by the Accident Reconstruction Network (ARC) (2006-2009)

## **Teaching Experience and Presentations**

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- Instructor for Arlington Heights Accident Investigation Unit (2004-2009)
  - Taught “Basic Accident Investigation Skills”
  - Taught “Total Station Equipment and Software Operation”
- Presented training on “Accident Investigation and How it Relates to Physics and Mathematics” at St. Viator High School, Hersey High School, Forest View High School, South Middle School, and Thomas Middle Schools
- Presented training to members of the Arlington Heights Citizen’s Police Academy on “Basic Accident Investigation Skills”
- Presented the findings from a study on various anti-lock brakes vs no anti-lock brakes on different road surfaces to members at the 2008 IATAI Conference

## **Summary**

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Michael Cowsert is certified through the State of Illinois and the Accreditation Commission for Traffic Accident Reconstruction, (ACTAR #1383), in the investigation and reconstruction of traffic crashes. Michael focuses on civil liability crash reconstruction cases and insurance fraud investigations. Michael has over 13 years law enforcement experience and has testified in several court venues.