



Northwest Illinois Criminal Justice Commission

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Mobile Team Unit #1 is funded in partnership with the Illinois Law Enforcement Training & Standards Board

Traffic Crash Investigation 2

DATE: February 23-March 6, 2026

Registration Ends: February 1, 2026

TIME: 8:00 AM—4:00 PM 80 Hours

LOCATION: NITAB - 527 Colman Center Drive, Rockford, IL

INSTRUCTOR: Northwestern Center For Public Safety Instructors

COURSE DESCRIPTION:

Traffic crash data is useful only if it is properly collected, interpreted, and analyzed. Participation in Crash Investigation 2 increases the at-scene investigator's professional skill set and enhances their credibility.

Students who successfully complete Crash Investigation 2 develop skills in technically preparing crash investigation data and collecting follow-up data required by reconstructionist, prosecutors, defense attorneys, claims adjusters, fleet supervisors, and highway safety engineers. Students must have completed Traffic Crash Investigation 1 before registering for this course.

Crash Investigation 2 builds upon topics examined in Crash 1 and provides students with greater knowledge of the information available at the crash scene, how to properly collect that data, and how to initiate its interpretation. Like Crash 1, the course is rooted in the latest edition of our authoritative text Traffic Crash Investigation and emphasizes vehicle behavior in crashes, vehicle damage analysis, advanced mapping and evidence location skills, technical report writing, and proper preservation of digital evidence collected from collision investigations.

Instructors demonstrate use of such emerging technologies as mapping scenes and recording videos with drones and/or total stations. Our CDR Systems Operator course is included as a unit within Crash 2, and students who complete Crash 2 are certified to download and preserve data from EDRs.

CONTENT

- Vehicle damage analysis (describing, reporting & determining direction of forces).
- Vehicle behavior in crashes.
- Identifying and interpreting tire marks, road scars & other results of a crash on the road.
- CDR Systems Operator course technical report writing.
- Lamp filament analysis.
- Tire damage analysis & tire failure.
- Measurement methods, including perspective grid, photogrammetry, diagram drawing, aerial imagery & application to crash investigation.
- Interpretation of data.
- Specialized data gathering, measuring devices & other testing.



This course has been certified by the ILETSB and approved to meet the following mandates:

- Civil Rights - 2.0 hours
- Constitutional/Proper Use of LE Authority – 3.5 hour
- Legal Updates - 3.0 hour
- Procedural Justice – 9.5 hour
- Lead Homicide Investigator – 80 hours

REGISTRATION:

All registrations are received on the [MTU#1 website](#). Find Registration instructions [here](#)

THIS IS NOT A PUBLIC MEETING