

# East Central Illinois Mobile Law Enforcement Training Team

## MTU #13

### Course Announcement

#### **Math and Physics Review for Crash Reconstruction**

**January 12-15th, 2026**

**Remote Class— Details will come to those  
Signed up.**

Submit enrollment to:  
Registration form at  
[www.mtu13.com](http://www.mtu13.com),



**PURPOSE OF COURSE:** This course is designed to build a strong foundation in the mathematical and physical principles essential for understanding motion and mechanics. By starting with fundamental high school concepts and progressing to college-level topics, the course ensures participants develop the confidence and skills needed to apply equations effectively in real-world problem-solving scenarios.

**COURSE DESCRIPTION:** This course provides a structured introduction to the essential math and physics concepts needed for advanced technical applications. Beginning with high school-level fundamentals—such as perimeter, area, order of operations, angle measurement, and unit conversions—students gradually progress to college-level topics, including linear and quadratic functions, vectors, and Newton’s Laws of Motion. Emphasis is placed on the correct application of equations to solve for velocity, acceleration, and travel distances. Through guided instruction and targeted practice problems, participants build both confidence and competence in applying these concepts to real-world scenarios.

**This is course three of a six-part series of courses**