MOBILE TEAM TRAINING UNIT IV

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A Statewide System of Inservice Training Program
Illinois Law Enforcement Training and Standards Board

PRESENTS

RADAR/LIDAR OPERATOR

4 HOURS

This training will provide the student with an understanding of the proper operational procedures and considerations for correctly using RADAR and LIDAR in police speed enforcement. Students will be instructed on how to set-up and operate RADAR and LIDAR.

Training Objectives:

- Explain Relative Motion
- Explain Doppler Theory as it applies to RADAR speed enforcement
- Explain Angular Effect when using stationary and moving radar
- Explain the operational principles of using lidar and stationary and moving radar
- Explain the importance of obtaining a tracking history in the use of radar speed enforcement
- Describe factors that can produce inaccurate or false speed readings and how each can be minimized, recognized, or eliminated
- Identify the impact of case law pertaining to radar and lidar
- Demonstrate the ability to set up, test, and read the radar unit
- Demonstrate the ability to make accurate speed estimates in stationary and moving exercises
- Demonstrate the ability to make accurate target verifications

DATE: October 22, 2026 **REGISTRATIONS ENDS: October 15, 2026**

TIME: 8:00 AM-12:00 PM

LOCATION: MTTU IV 1801 Windish Drive, Galesburg, IL 61401
Instructor: Illinois State Police Sgt. Jeff Nichols
Maximum Enrollment: 10
Cost: MTTU IV MEMBERS: $ 0.00 - NON MTTU IV MEMBERS: $ 0.00
MTTU IV Members are given priority registration status. Non-members can sign up within 30 days of class.

Per Board approval, this Class Meets the following Mandatory Training Key Guidelines.
Constitutional and Proper Use of Law Enforcement Authority (.5 hours); Legal Update (.5 hours),

Mobile Team Training Unit IV has applied for certification for this course with the Illinois Law Enforcement Training and Standards Board