

LIDAR OPERATOR COURSE
4 HOURS
EXPANDED COURSE OUTLINE

- I. Introduction and Overview
 - A. Welcome and Introduction
 - 1. Introduce Instructors
 - 2. Program Goals and Objectives
 - B. Administrative Details
 - 1. Seminar schedule
 - 2. Facilities
 - 3. Logistics (rosters, vouchers)
 - C. Pretest
 - 1. Purpose
 - 2. Distribute pre-test
 - 3. Collect completed pre-test
 - 4. Pre-test review

- II. Review of Radar concepts
 - A. Review of principles of radar usage
 - B. Case law review
 - C. Explain differences between radar vs. lidar
 - D. Lidar as a measuring instrument

- III. Lidar Equipment
 - A. Overview of operation of lidar
 - B. Explain accuracy checks for lidar
 - C. Limitations of lidar
 - D. Lidar calibration

- IV. Court Testimony When Lidar Used
 - A. Overview of court testimony for speed violation
 - B. Lidar vs. Other Speed Measuring Devices
 - 1. Prima Facie
 - a. 22352 CVC
 - b. 22350 CVC
 - 2. Maximums
 - a. 22349 CVC
 - b. 22356 CVC
 - c. 22406 CVC

- V. Speed and Range estimation practice
 - A. Students taken to a safe location to apply/practice speed and range estimates

- VI. Speed and Range testing
 - A. Test student's ability to accurately estimate speeds and ranges of multiple vehicles.

- VII. Review
 - A. Course review

- VIII. Final Exam
 - A. Administer final exam
 - B. Post-test review

- IX. Course Conclusion
 - A. Course Critique
 - B. Concluding remarks
 - C. Certificates and dismissal