RADAR/LIDAR COURSE
COURSE DESCRIPTION
8 HOURS
REV. 01/18

BASIC PRINCIPLES OF RADAR / LIDAR SPEED MEASUREMENTS AND OPERATIONS:

6 HOURS

1. Legal Considerations
2. Principles of radar Speed Measurements
3. Radar
4. The Radar Decision Process
5. Radar Effects
6. Case Preparation and Documentation
7. Radar Component Assembly and Mounting
8. Accuracy Tests
9. Site Selection
10. Operation of Specific Devices
11. Lidar Operations

PRACTICAL EXERCISE:

1 HOUR

Each student will be required to complete a ride along practical to observe the proper operation of the radar unit.

Each student will be required to conduct a stationary and moving speed estimation exercise. The exercise will be completed with a plus or minus 20% degree of accuracy.

EXAMINATION & CRITIQUE:

1 HOUR

The student must achieve a 70% minimum score on a written examination to successfully complete the course of instruction.