

**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.