Course Outline
Lidar Operator Course

I.   **Introduction**

    A.   **Welcome and Staff Introductions**
        1.) Housekeeping Issues
          a) No Weapons Allowed
          b) Breaks / Down Time
              (1) Ten Minute Hourly Breaks
              (2) One Hour Lunch Break
          c) Building Layout
              (1) Bathrooms
              (2) Breakroom
              (3) Emergency Exits

    B.   **Registration**
        1.) College Applications
        2.) POST Roster
          a) POST credit and certification
        3.) Department Roster
          a) For Department tracking and certification
          b) Provides legal protection for supervisors
          c) Permanent training record

    C.   **Student Introductions**
        1.) Pair off and interview your partner. Be through as you want to be
        introducing your partner to the group. Answer the following questions:
          a) Name and Agency
          b) Time served
          c) Unit Assignments
          d) Hobbies
          e) Something interesting that most co-workers didn't know about
          them.

    D.   **Schedule**
        1.) Handout and go over class schedule.
        2.) Course Topics
        3.) Hour Allotment

II.   **Lidar Speed Enforcement**

    A.   **Basic Principles and History**
        1.) Laser Energy
        2.) Types of Laser
        3.) Health Considerations
        4.) How Lidar Works

5.) Characteristics of a Lidar Signal
6.) Behaviors of a Lidar Signal
7.) Lidar vs. Other Speed Measurement Devices
8.) Lidar Interferences and Effect

B.   Pre-Operational Considerations
1.) Inspection
2.) Transportation
3.) Pre/Post-Shift Calibration Checks

C.   Deployment Considerations
1.) General Safety
2.) Specific Operational Considerations
3.) Enforcement Issues
4.) Care and Handling

D.   Laws Applicable to Lidar
1.) Statutory Law
2.) Fundamental Issues
3.) Case Law

E.   In the Courtroom
1.) Courtroom Testimony
2.) Evidence Kits
3.) Citation Notes
4.) Sample Testimony

F.   Departmental Policy
1.) Lidar Certification Requirements

G.   Set-up and Preparation

1.) Facilities and Environment
2.) Lidar Unit Demonstration
3.) Demonstration of Various Effects

H.   Review
I.   Exam