

INTERNATIONAL MUNICIPAL SIGNAL

ASSOCIATION (IMSA)

Course Description –

The IMSA is a world-wide recognized certification program for those who work on installing and programming traffic intersections. It is divided into 3 sections, all taught by Local 9 linemen certified by the IMSA. Successful completion of the tests for each section certifies the member as a state-sanctioned traffic signal technician. Completion of at least 3 of the Traffic classes offered at L9TC are required before taking this course.

Work Zone Safety –

Problems of traffic control occur when traffic must be moved through or around road or street construction, maintenance operations on or adjacent to the roadway. This course was specifically developed by the principles and procedures which experience has shown to enhance the safety of motorists and the workers in the vicinity of work areas.

Level I –

The Traffic Signal Level I program is based on the concept for relating fundamentals of traffic signal design, traffic signal installation, maintenance and limited trouble shooting. This is the entry course for traffic signal technicians and discusses the basic procedures of how and why to install signalized intersections. This program is designed to enhance public safety by helping individuals to review fundamental concepts associated with traffic signal design, construction, and operation.

Level II –

This course includes further study in traffic signals; signal indications and signal-related signing; planning for traffic signals; designing traffic signals; vehicle detection; traffic signal supports; installing traffic signals: construction procedures; installing traffic signals: construction equipment; preventive maintenance, signal timing concepts, traffic signal phasing, pre-emption, coordination and dealing with the public.

Advanced Traffic Control Systems – Renewal

This class is designed to fulfill IMSA's 3-year recertification requirements. Review and discussion of material from previous classes leads to the topics of new equipment, material and control software in the traffic control industry. Most importantly, new or changed laws and regulations for the design and configurations for traffic control corners and systems as it applies to the traffic workers in our jurisdiction is the main emphasis.