

To achieve the Public Works Specialist certification you must complete 12 of the 15 classes offered.

“Introduction to Public Works” is the prerequisite to all classes.

Tuition is only \$75. There are no other costs associated with these courses.

Two Year Program

This is a self-paced program that can be completed within 2 years. You pick the classes you want to take. They are all available on-line. While each individual class has a time frame, you can take as many classes as you like at one time. You can take as much time in between classes as you wish. Each class is just \$75.00

Scholarships

Each Chapter is committed to providing scholarships. See your representative for details.

MAINTENANCE SUPERINTENDENTS ASSOCIATION

Education Director: George Bradley
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Your future in Public Works is the future of our industry.

We are public agency employees and commercial entrepreneurs, collaboratively working in harmony, dedicated to the maintenance of vital public infrastructure and the ongoing education and training of our members.



MAINTENANCE
SUPERINTENDENTS ASSOCIATION

**PUBLIC WORKS SPECIALIST
CERTIFICATION PROGRAM**



**EDUCATION FOR YOUR
ADVANCEMENT**

Introduction to Public Works

This class is the prerequisite to all other courses offered. The reasoning behind that is because this class touches on a broad variety of topics relevant to the Public Works Industry. From the history of roads to traffic control and storm-water. From Supervision to Inspections as well as safety, quantity calculations, sweeping, drainage, concrete and asphalt. This course will hopefully spark an interest in a specific area of training that you are looking for.

Supervision I & 2

This course teaches you specific skills in how to lead. It teaches you skills in Communications both written and oral, Scheduling, Training, Corrective Action, Evaluations, and more.

Street Construction & Maintenance

This course covers asphalt and concrete pavement construction and maintenance as well as budgeting, safety and codes.

Inspections

A course in Inspections is vital to a future as a Public Works Inspector. We cover the role of the inspector, the relationship between the Inspector and the Contractor. We get into the specifics of Plans, Special Provisions, Standards and Contract Specifications. This course also covers the topics of Change Orders, Documentation and record keeping, Prosecution of the work and Acceptance of contract work.

Asphalt and Portland Cement

This class covers design, construction, placement compaction and identification of defects and corrective measures. We also cover safety as it applies to delivering and placing these materials.

Public Administration

In the Public Works Sector, upper management positions require specific knowledge planning, financing and tools to build a model Public Works Organization. This course will also discuss the new advancements being made in technology within our industry.

Concrete Structures & Inspections.

This is an advance class covering the construction of concrete structures and the inspection of bridges, culverts from site preparation to steel placement, excavation, falsework and the technology associated with them.

Municipal and Urban Trees

Specific skills needed to work with trees within the right-of way. This course covers the anatomy & psychology of trees, as well as cabling, soils management, root structure and its effects on infrastructure. We teach you about irrigation, pruning and fertilizing. This course will prepare you for Tree Workers Certification Exam

Occupational Safety & Health For Public Works

This course covers topics relevant to Public Works, such as Excavation, trenches, tunnels, rock drilling, equipment, flammable vapors and toxic substances. We also go into detail about the relationship between the employer and the employee as it relates to safety on the job.

Traffic Control Standards, Practices & Policies

This course will give you a great awareness and appreciation for the design and implementation of devices that protect the worker and the traveling public.

Environmental Management

Water quality, watershed management, waste management, air pollution control, and regulatory compliance are all items covered under this course.

Plans Interpretation & Cost Estimating

This course will provide you with the information you need to be able to read and interpret plans. You will learn how to estimate time, materials, labor and equipment needed to successfully complete Public Works Projects.

Green Infrastructure Construction and Stormwater Management

Under this topic you will learn alternative methods for Stormwater management. These practices will enable you to maintain healthy waters, provide environmental benefits and support sustainable communities while providing flood mitigation energy use reduction and air quality management.

Soils Trenching and Grading

The course will cover the identification and classification of soils: the soils suitable for pavements, the various soil tests, and the application of these tests in the construction and maintenance of public works projects to achieve the desired outcome.

Instructors

All course instructors are members of the MSA and are considered "Subject Matter Experts". They will not only impart technical knowledge but they will share their skills acquired through their many years of experience. There are some things in our industry that you just can't get out of a book. That is what makes MSA so valuable!