

# CERTIFICATE IN PUBLIC WORKS MAINTENANCE SERVICES

This certificate of achievement program is designed to prepare students for entry-level and promotional positions in the public works sector. Job opportunities include:

- public works and landscape maintenance worker,
- lead worker,
- and supervisory positions.

Instruction in an overview for field personnel of the basic elements of the public works and landscape industry is emphasized in the coursework.

\*It is highly recommended that you make an appointment (<https://www.citruscollege.edu/stdntsrv/counsel/Pages/ApptSchedule.aspx>) to create a customized education plan that fits your needs.

Course	Title	Units
<b>Fall Term 1</b>		
PUB 150	Introduction to Public Works	3
PUB 151	Street Construction and Maintenance	3
<b>Units</b>		<b>6</b>
<b>Spring Term 1</b>		
PUB 157	Asphalt and Portland Cement Concrete	3
PUB 158	Municipal and Urban Tree Care	3
<b>Units</b>		<b>6</b>
<b>Summer Term 1</b>		
PUB 163	Turf and Landscape Management	3
WATR 162	Water Use Efficiency I	3
<b>Units</b>		<b>6</b>
<b>Total Units</b>		<b>18</b>

## Learning Outcomes

### Certificate of Achievement Level Student Learning Outcomes

Students completing the Public Works Maintenance Services Certificate of Achievement will:

1. Analyze and evaluate public and private hardscape structures and determine upgrades or preventative maintenance requirements necessary to ensure public safety, long-term budget strategy, aesthetics, and municipal code compliance.
2. Evaluate and analyze existing landscape and plan new greenscape installation as well as establish mow schedule, frequency of tree pruning, irrigation schedule, pest and weed abatement, fertilization schedule, and aeration to ensure cost savings and water conservation while maintaining an aesthetically pleasing landscape.

## Requirements

Code	Title	Units
PUB 150	Introduction to Public Works	3
PUB 151	Street Construction and Maintenance	3
PUB 157	Asphalt and Portland Cement Concrete	3
PUB 158	Municipal and Urban Tree Care	3
PUB 163	Turf and Landscape Management	3
WATR 162	Water Use Efficiency I	3
<b>Total Units</b>		<b>18</b>

## Curriculum Map

### 1-Year Curriculum Map Example

This map represents one possible pathway through the program and is only for reference.

## Career Information

### Career Opportunities

There are a variety of careers you can do with this major.

To explore more about this major, schedule an appointment (<https://www.citruscollege.edu/stdntsrv/ctcenter/Pages/ApptSchedule.aspx>) with a career counselor.