

CERTIFICATE IN PUBLIC WORKS INSPECTION

This certificate program is designed to prepare students for entry-level and promotional positions in the public works sector and heavy civil construction as well as general engineering type projects. Job opportunities include:

- public works inspector,
- public works maintenance worker,
- lead worker,
- and other supervisory positions.

Instruction in an overview of the inspector's role and responsibilities; including Portland cement and asphaltic concrete, soils and trenching, base and subgrades, concrete footings, structural and reinforcing steel, Cal-OSHA requirements, inspection reporting, and recordkeeping is emphasized in the coursework.

Requirements

Code	Title	Units
Required courses:		
MATH 150	Intermediate Algebra	5
PUB 150	Introduction to Public Works	3
PUB 155	Public Works Construction Inspection	3
PUB 161	California Occupational Safety and Health	3
Total Units		14

¹ MATH 150 is degree applicable with or without MATH 050. If taken with MATH 050, only the units for MATH 150 will be counted towards the degree.

Learning Outcomes

Certificate of Achievement Level Student Learning Outcomes

Students completing the Public Works Inspection Certificate of Achievement will:

1. Evaluate and analyze the various elements of a public works construction project for conformance to applicable project contract documents related to quality of work, safety and contract documentation.
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