

A.S. IN PUBLIC WORKS ADMINISTRATION

These course offerings prepare new personnel for public works occupations and provide upgrading within these occupations. Job opportunities exist in both the public and private sectors.

Learning Outcomes

A.S. Degree Level Student Learning Outcomes

Students completing the Public Works A.S. Degree will:

1. Demonstrate effective communication, both orally and in writing.
2. Demonstrate the ability to estimate quantities and costs for the bidding process in a public works construction project.
3. Explain how to effectively use resources to deliver Public Works capital construction and/or infrastructure maintenance projects.
4. Demonstrate the ability to use current technology related to the construction and maintenance process.
5. Interpret construction documents (contracts, specifications, and drawings) requirements applied in public works construction projects.
6. Recognize basic construction means, methods, materials and equipment employed in public works construction and maintenance.
7. Understand the quality assurance & control measures employed in public works, emphasizing the importance of the need for quality and longevity of capital construction and maintenance projects
8. Recognize basic safety hazards on a construction site and standard prevention measures.
9. Discuss basic principles of ethics in Public Works.

Requirements

This degree requires meeting the Citrus College General Education and proficiency requirements combined with successful completion (grades of "C" and above) of the following major requirements:

Code	Title	Units
Required courses:		
PUB 150	Introduction to Public Works	3
PUB 151	Street Construction and Maintenance	3
PUB 155	Public Works Construction Inspection	3
PUB 157	Asphalt and Portland Cement Concrete	3
PUB 160	Public Administration	3
PUB 164	Plan Reading and Cost Estimating	3
PUB 166	Supervision in Public Works	3
Total Units		21

Curriculum Map

2-Year Curriculum Map Example

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

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

Note: Substitute ENGL 101E (5 units) may be needed based on placement.

Course	Title	Units
Fall Term 1		
PUB 150	Introduction to Public Works	3
PUB 151	Street Construction and Maintenance	3
MATH 144	Technical Mathematics	5
COUN 208	Pathways in Career and Technical Education	3
Units		14
Winter Term 1		
ENGL 101 or ENGL 101H	Reading and Composition or Reading and Composition - Honors	4
Units		4
Spring Term 1		
PUB 155	Public Works Construction Inspection	3
PUB 157	Asphalt and Portland Cement Concrete	3
CM 110	Introduction and Fundamentals of Construction Management	3
ARCH 250 or ARCH 251 or ART 100 or ART 105 or ART 108 or ART 110 or ART 199 or ART 199H or DANC 102 or MUSE 113 or THEA 101 or THEA 101H	History of Architecture: Prehistory to Mannerism or History of Architecture: Baroque to the Present Day or Art History - Fundamentals of Global Art History or Art History - Topics in Contemporary Art or History of Photography or Introduction to the Visual Arts or Motion Picture Appreciation or Motion Picture Appreciation - Honors or History of Dance or History of Rock and Roll or Introduction to Theatre Arts or Introduction to Theatre Arts - Honors	3
Units		12
Summer Term 1		
HIST 107 or HIST 107H or HIST 108 or HIST 108H or HIST 160 or POLI 103 or POLI 103H	History of the United States before 1877 or History of the United States before 1877 - Honors or History of the United States since 1877 or History of the United States since 1877 - Honors or History of Women in the United States or American Government and Politics or American Government and Politics - Honors	3
Units		3
Fall Term 2		
PUB 160	Public Administration	3
PUB 164	Plan Reading and Cost Estimating	3
CM 120	Plans Reading	2
ANTH 212 & 212L	Introduction to Physical Anthropology and Introduction to Physical Anthropology Lab	4
Units		12
Winter Term 2		
ETHN 101 or ETHN 116	Introduction to Ethnic Studies or Introduction to Chicano/Latino Studies	3

Course	Title	Units
SPCH 100	Interpersonal Communication	3
or SPCH 100H	or Interpersonal Communication - Honors	
or SPCH 101	or Public Address	
or SPCH 101H	or Public Address - Honors	
or SPCH 106	or Small Group Communication	
Units		6
Spring Term 2		
PUB 161	California Occupational Safety and Health	3
PUB 166	Supervision in Public Works	3
KIN 170	Fitness for Life	3
or KIN 171	or Health and Wellness in Society	
or KIN 171H	or Health and Wellness - Honors	
or KIN 173	or Introduction to Nutrition	
ENGL 290	Ethnic Voices in Film	3
or ENGL 293	or Children's Literature	
or ENGL 293H	or Children's Literature - Honors	
or ENGL 298	or Literature of the Bible	
or KIN 166	or American Food And Culture: Global Origins, History, and Current Impacts	
or PHIL 101	or Great Religions of the World	
or SOC 130	or Introduction to LGBTQ Studies	
Units		12
Total Units		63

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.