

Annual Public Works Citizen's Academy Syllabus

The Public Works Citizen's Academy sessions will be held at various locations throughout the city. Lunch will be provided on Saturday, September 11, 2021 and light refreshments will be served at the remaining sessions.

Public Works Overview

Wednesday, August 25 2021

6:30 – 8:30 p.m.

Meeting Location: 1445 10th St (Public Works Building)

This session will begin with introductions and a general overview of the program and Public Works Administration. You will learn how Golden became the 13th Internationally Accredited Public Works Department.

Water Distribution and 6000 North Tank

Wednesday, September 1, 2021

6:30 – 8:30 p.m.

Meeting Location: 1300 Catamount

The Utilities Division is responsible for the operation, repair, and maintenance of the City's water distribution system, including all parts of the water distribution chain, from reservoir to tunnel to water main. Utilities are also responsible for cross connection control and backflow testing. The division focuses on preventative maintenance programs designed to extend the life of all assets. We will start with a visit to the 6000 North Tank and nearby pump stations to highlight the water distribution system. There will also be interactive demonstrations of hydrants, meters, and valves and their related inspection activities.

Waste Water Collection and GIS

Wednesday, September 8, 2021

6:30 – 8:30 p.m.

Meeting Location: 1300 Catamount

The Utilities Division is also responsible for sewer main maintenance and the wastewater collection system including high-pressure water jetting, video inspections of sewer mains and maintenance and repair activities on sewer mains and manholes. This session will start with a demonstration of the sewer camera and jet truck. The second half of the session will include how the city uses Geographic Information Systems (GIS) to make informed decisions, and an overview of the city's asset management system, Cartegraph, to highlight how we track and maintain the many assets that will be covered in the program.

Discussion of Water Rights and Trip to Guanella Reservoir

Saturday, September 11, 2021

8:00 a.m. - 5:00 p.m.

Meeting Location: 1445 10th St (Public Works Building)

We will begin with a discussion on water rights in preparation for our trip to Guanella Reservoir. Guanella was constructed in 2003 to further enhance Golden's water storage capability, and is located on the West fork of Clear Creek near the Town of Empire. Guanella Reservoir has a unique feature in that some of its storage capacity is unseen in alluvial (ground water) storage, not to mention its unique breathtaking scenery.

Stormwater and Building Department

Wednesday, September 15, 2021

6:30 – 8:30 p.m.

Meeting Location: 1300 Catamount

The session will begin with an overview of the City's Stormwater Division. This second half will be an overview of the Building Department. They are responsible for administering and enforcing the adopted International Codes.

Water Treatment Plant and Environmental Services

Wednesday, September 22, 2021

6:30 PM - 8:30 PM

Meeting Location: 1409 10th St

This session will include a tour of Golden's Water Treatment Plant, where participants will learn the full water treatment process, step-by-step from Clear Creek to the water that we drink. The remaining time will be used to showcase the day to day operations of the plant, during which participants may simulate daily situations. There will also be a presentation by Environmental Services. This division oversees programs such as Drinking Water, Industrial Pretreatment, and Stormwater Quality. They also ensure City compliance with state and federal programs as required under the Clean Water Act and the Safe Drinking Water Act. The session will include a tour of the Environmental Services lab.

Streets and Pavement Management and UAV Demonstration

Saturday, September 25, 2021

8:00 a.m. – 12:00 pm

Meeting Location: 1300 Catamount

We will begin this morning session with a display of all our streets heavy equipment including snowplows, the street sweeper, the pothole patch truck, graders, backhoes and many more. We will also provide a traffic overview session which will cover how street signs are made, different kinds of pavement markings, how thermo plastics are installed and the M.U.T.C.D codes. There will be a UAV demonstration given by our drone pilot. The session will end with pavement management information and discussion on the varying degrees of useable life.

Graduation at Council Meeting

Tuesday, October 12, 2021

6:30 PM – 7:00PM

Meeting Location: 911 10th St

Graduates of the Citizen's Academy will be awarded Certificates of Completion at a City Council meeting.