

**CIVIL SERVICE COMMISSION
WATERBURY, CONNECTICUT**

OPEN COMPETITIVE EXAM #2649

OPEN COMPETITIVE EXAMINATION FOR: ENGINEERING TECHNICIAN I

SALARY: \$30.27 ~ \$37.07/hr., Non-Exempt, 40 hours/wk., paid bi-wkly. (NOTE: New hires start at the beginning of the range, WCEA Grade 36)

FRINGE BENEFITS: Choose from available health insurance plans (employee contributions vary) Prescription Drug Rider, Dental Plan, Group Life Insurance for Individual; Retirement Plan; paid Holidays; paid Vacation Days; paid Sick Days; paid Personal Days.

LAST DAY FOR FILING APPLICATIONS

Applications, which may be obtained by visiting our website at www.waterburyct.org or at the Civil Service Office, Chase Municipal Building, 236 Grand St., Waterbury, CT 06702 & must be on file by 4:30 p.m. on:

Until Sufficient Applications are Received

IMPORTANT:

1. **Veterans** – Veteran’s points will be awarded in accordance with the Connecticut State Statute. Five (5) for non-disabled veterans, ten (10) for disabled veterans. Proper documentation must be submitted to the Personnel Director before the date of the examination.
2. **Residents** – Five (5) Residency points shall be added in accordance with the amendment to the Civil Service Ordinances dated March 18, 2011. Proper documentation and proof of residence must be submitted no later than the closing date for applications.

EXAMPLES OF WORK: (Illustrative only)

The following identifies the primary and essential functions of the position and is not intended to be an exhaustive listing of all duties.

Performs duties of survey rod man or instrument man; Assists in all phases of land surveys both in the office and/or field; Provides physical labor for clearing survey base lines, setting property markers, construction stakeout; Collects survey and GIS data; Traces and marks out lines in accordance with CBYD regulations; Assists in record research, filing and documentation; Plots field notes and prepares base survey maps; Records “as-built” information with field notes and transfer’s field notes to “as-built” maps/plans; Performs basic engineering calculations for construction material quantities and drainage areas, etc.; Assists in preparing drawings by hand and utilizing C.A.D. software programs; Inspects construction projects for compliance with standards and specifications; Travels independently between office and jobsites; Performs other related work as required.

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REQUIRED KNOWLEDGES, SKILLS AND ABILITIES:

Basic knowledge of mathematics including trigonometry; Basic knowledge of the principles and practices of civil engineering and surveying; Ability to operate surveying instruments; Ability to read and interpret engineering plans and specifications; Basic knowledge of databases, M.S. Office, C.A.D. or other engineering software programs; Ability to obtain accurate data to prepare clear and concise technical reports; Ability to read/write and to follow oral/written instructions; Ability to communicate clearly and concisely both orally and in writing; Ability to establish and maintain effective working relationships with superiors, subordinates, peers, and the general public; Ability to travel independently between office and jobsites; Ability to work indoor/outdoor environments with noise and all temperatures and climates, including adverse weather conditions.

IN ORDER TO BE CONSIDERED FOR THIS POSITION YOU MUST INDICATE ON YOUR APPLICATION THAT AS OF THE CLOSING DATE YOU HAVE THE FOLLOWING EXPERIENCE:

Two years of experience in drafting, surveying, or inspection of road related construction work and possession of a high school diploma, technical school diploma, or G.E.D.

LICENSURES, CERTIFICATIONS AND OTHER REQUIREMENTS: Must be in possession of a valid Motor Vehicle Driver's License with good driving history.

**COPIES OF APPLICABLE EDUCATIONAL DOCUMENTS
MUST BE SUBMITTED AT TIME OF APPLICATION**

In order to verify possession of the appropriate Driver's License and good driving history, applicants will now be required to provide the H.R. Office with a Driving History Report that is less than 30 days old. Only reports generated by the Department of Motor Vehicle will be accepted. This information will be specifically requested of the applicants at the time that a conditional offer is made. In the event that a report is not supplied within (7) seven days or the H.R. Director deems your driving history to be poor, the conditional offer may be rescinded.

This position is covered under the written agreement between the City of Waterbury and the White-Collar Union. The Parts and Weights for this examination will be determined prior to conducting the exam. Individuals appointed shall be required to serve a working test period which will be, in effect, the final phase of the examination. Appeal Process- An applicant may appeal notice of not meeting the minimum qualifications (Civil Service Rules and Regulations, Section 3741, Subsection B, Article 9) to the *Civil Service Commission* within seven (7) days of the date on such notice. Please notify the Civil Service Office of a change in address. Notification will be mailed to the address written on your application.

THE CITY OF WATERBURY IS AN EQUAL OPPORTUNITY EMPLOYER

E.O.E. M/F/D/V

EEOP Utilization Report available upon request

2/26/25 USAR md

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PART V - WORKING CONDITIONS, PHYSICAL AND MENTAL REQUIREMENTS

Employees appointed to positions in this class must have adequate physical strength, stamina, physical agility and visual and auditory acuity and must maintain such physical fitness as to be able to perform the duties of the class. A physical examination may be required.

Frequency: Place an "X" in each box that is appropriate to your job.

NEVER (N)	OCCASIONALLY (O)				FREQUENTLY (F)				CONSTANTLY (C)			
0 % of Shift	1-33% of Shift				34-66% of Shift				67-100% of Shift			
Working Conditions	N	O	F	C	Working Conditions	N	O	F	C			
Physical Demands					Depth Perception		X					
Standing			X		Color Distinction		X					
Walking			X		Peripheral Vision		X					
Sitting				X	Driving			X				
Lifting		X			Physical Strength:							
Carrying		X			Little Physical Effort (-10 lbs.)		X					
Pushing		X			Light Work (-20 lbs.)		X					
Pulling		X			Medium Work (20-50 lbs.)		X					
Climbing		X			Heavy Work (50-100 lbs.)	X						
Balancing		X			Very Heavy Work (100+ lbs.)	X						
Stooping		X			Environmental Conditions							
Kneeling		X			Cold (50 degrees F or less)		X					
Crouching		X			Heat (90 degrees F or more)		X					
Crawling		X			Temperature Changes		X					
Reaching		X			Wetness		X					
Handling		X			Humidity		X					
Grasping		X			Extreme Noise or Vibration		X					
Twisting		X			Exposure to Chemicals		X					
Feeling		X			Exposure to Gases and Fumes		X					
Talking			X		Exposure to Unpleasant Odors		X					
Hearing				X	Exposure to bodily fluids	X						
Repetitive Motion		X			Exposure to dampness		X					
Hand/Eye/Foot Coordination		X			Confinement to Small or Restricting Area		X					
Visual Acuity/Near			X		Mechanical Hazards		X					
Visual Acuity/Far		X			Physical danger or abuse	X						

The above statements are intended to describe the general nature and level of work being performed by the employee assigned to this position. They are not to be construed as an exhaustive list of all job responsibilities and duties performed by personnel so classified. The City of Waterbury is an equal opportunity employer. In compliance with the Americans with Disabilities Act, the City will provide reasonable accommodations to qualified individuals with disabilities and encourage both prospective and current employees to discuss potential accommodations with the City when necessary.

Prepared on: April 27, 2021

Position: Engineering Technician I