

The City of Oneonta is currently accepting applications for a seasonal, part-time Engineering Technician to oversee construction projects throughout the city from April to November. Hourly rate varies based on qualifications. Applications may be found at the personnel office on the second floor of City Hall or www.oneonta.ny.us/personnel. EOE

ENGINEERING TECHNICIAN (P.T.)

GENERAL STATEMENT OF DUTIES: Performs non-professional engineering work in the office or field in connection with the completion of various public works projects. Performs related work as required.

DISTINGUISHING FEATURES OF THE CLASS: This is a non-professional engineering support services position responsible for overseeing public works projects comprising a wide range of civil construction activities. The work requires the ability to apply principles of physics, mathematics, mechanics and materials to engineering problems, combined with supportive engineering work requiring familiarity with methods, materials, equipment and techniques used in the field. An Engineering Technician may receive assignments in general terms as far as details are concerned, but scope of each assignment is limited and methods of procedure are outlined by superiors. An Engineering Technician may be assigned to supervise engineering aides and to exercise limited on-site supervision over workers on construction sites.

EXAMPLES OF WORK: (Illustrative only)

- Uses and supervises the use of instruments in making observations and in gathering and recording engineering data;
- Observes construction practices and progress;
- Observes and reports any safety deficiencies or unsafe work practices to the Public Works Director or Deputy Public Works Director;
- Prepares daily reports of observations based on field notes;
- Reviews work being done against project drawings and specifications;
- Conducts surveys to establish or re-establish property lines and corners, to map a developed area, and to run location lines for roads, conduits, etc;
- Supervises construction work when such supervision involves the exercise either of knowledge of engineering principles or of the more complex construction practices;
- Keeps records of amount of work done and of changes in plans and specifications;
- Checks design, arithmetic computations and plans of other engineers for routine errors;
- Supervises the work of engineering aides engaged on surveys and inspection work;
- Makes field tests of materials;
- Operates transits, levels and other surveying instruments;
- Computes and estimates quantities of material for contractor's payments.

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES: Good knowledge of the basic principles of engineering, physics and mathematics, good knowledge of basic mathematics including algebra and plane trigonometry, working knowledge of construction and engineering practices; ability to make moderately difficult technical computations and to compile engineering drawings and specifications, ability to get along well with others; mental alertness; industry; good physical condition.

ACCEPTABLE TRAINING AND EXPERIENCE:

Either

- a) Graduation from a regionally accredited or New York State registered college or university with an Associate Degree or higher in Engineering Science or a related field; or
- b) Graduation from high school or a high school equivalency diploma and two years of experience assisting with civil engineering projects; or
- c) An equivalent combination of (a), and (b).

Revised CSC: February 23, 2022 (ANTICIPATED)

Adopted MSD: January, 1973

Jurisdictional Classification: Non-Competitive