

ENGINEERING TECHNICIAN (OC)
NYS #61-551 RC/EL #17106

A \$15 non-refundable application filing fee is required. A check or money order made payable to the Rockland County Commissioner of Finance must accompany the application. Please refer to Supplement A for further information regarding the application filing fee.

Examination to be held **October 28, 2017**; Last filing date **September 6, 2017**

VACANCIES: One each in the Rockland County Department of Highways and the Town of Clarkstown. The Town of Clarkstown may not be filling the vacancy at this time.

POSITIONS EXIST IN: The Town of Clarkstown and the Rockland County Department of Highways.

RESIDENCE REQUIREMENTS: Candidates must be legal residents of Rockland County at the time of examination.

SALARY: The salary is \$17.17/hr. for a 40-hour-work-week with the County of Rockland. Salary may vary in other location.

WHAT THE JOB IS LIKE: This is routine beginning level technical and related manual work in a field survey party, inspection assignment, or in a drafting or engineering office, performed under the direct supervision of a civil engineer or higher-level technician. Does related work as required.

MINIMUM QUALIFICATIONS: By examination date, you must have: Graduation from high school or possession of an equivalency diploma that included or was supplemented by at least three terms in any one or combination of the following subjects: algebra, geometry, trigonometry, mechanical drawing and/or drafting.

NOTE: One year of civil engineering work experience assisting in drafting or surveying may be substituted for the required courses or such experience may be substituted for school on a year-for-year basis provided the required courses have been successfully completed.

SPECIAL REQUIREMENT: Possession of a valid New York State Class 5 or higher license to operate a motor vehicle.

(If using college credits to qualify, official college transcripts must be sent directly from the school to our department no later than December 28, 2017.) Student transcripts are not acceptable.

Your college degree and/or college credit must have been awarded by a regionally accredited college or university or one recognized by the NYS Education Department as following acceptable educational practices. If your degree and/or college credit was awarded by an educational institution outside the United States and its territories, you must provide independent verification of equivalency. You can write the Rockland County Department of Personnel for a list of acceptable companies who provide this service. This form is also available on the Rockland County website: www.rocklandgov.com. You must pay the required evaluation fee.

SUBJECT OF WRITTEN EXAMINATION:

1. Understanding and interpreting technical instructions and dimensional drawings – These questions test for the ability to read and analyze written material or technical drawings and to perform related simple computations. All the information needed to answer the questions will be provided in the written material and/or drawings.
2. Interpretation of charts, graphs and tables – These questions test for the ability to read and analyze visual and numerical information presented in graphic or tabular form and to perform related simple computations. All the information needed to answer the questions will be provided in the charts, graphs, tables, or related written material.
3. Mathematics, including algebra, geometry and trigonometry – These questions test for the ability to read, analyze, and solve technician-level written problems involving addition, subtraction, multiplication, division, algebraic equations, geometric concepts and figures, and basic trigonometric functions.

USE OF CALCULATORS IS RECOMMENDED FOR THIS EXAMINATION

Unless specifically prohibited, candidates are permitted to use quiet, hand-held solar or battery powered calculators. Devices with typewriter keyboards, "Spell-checkers", "Personal Digital Assistants", "Address Books", "Language Translators", "Dictionaries", "Computers", and any similar devices are prohibited.

The New York State Department of Civil Service has not prepared a test guide for this examination. However, candidates may find information in the publication "How to Take a Written Test" helpful in preparing for this test. This publication is available online at: www.cs.ny.gov/testing/localtestguides.cfm.