

ENGINEERING TECHNICIAN

DISTINGUISHING FEATURES OF THE CLASS: 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.

TYPICAL WORK ACTIVITIES:

Acts as a rodman or chairman and may act as an axeman or flagman;
Assists in inspections of construction and maintenance projects and samples and inspects materials supplied for such projects;
Traces maps and plans and assists in their care, reproduction and filing;
Reduces field notes and makes simple engineering computations;
Maintains tools and equipment of work.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Good knowledge of high school mathematics as required to compute simple engineering problems; ability to understand written and oral instructions concerning engineering work; ability to understand graphs, tables and dimensional drawings.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of an equivalency diploma that included or was supplemented by at least three (3) terms in any one or combination of the following subjects: algebra, geometry, trigonometry, mechanical drawing and/or drafting.

NOTE: One (1) 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. *

*This requirement shall not apply to present incumbents or individuals on current eligible lists in this title.