

LAND SURVEY TECHNICIAN 1

Job Code	Pay Grade
16750	CL8

Nature of Work

This is technical field and office work assisting in land survey projects. Employees in this class operate various land survey instruments while office duties include a variety of sub-professional technical and clerical tasks. Work is distinguished from a Land Survey Aide by the operation of more technical survey instruments and assumption of a higher degree of sub-professional responsibility.

Minimum Qualification Requirements

- 1 year experience in land survey work; or
- An equivalent combination of education, training or experience.

Appointing Authority May Also Require

- Florida Driver's License or Florida Commercial Driver's License and endorsement, if any.
- Assignment to work a variety of work schedules including compulsory work periods in special, emergency, and/or disaster situations.
- Other highly desirable knowledge, skills, abilities, and credentials relevant to a position.

Illustrative Tasks (These are examples and are not all inclusive.)

- Sets up, adjusts and operates a transit or theodolite to measure angles of surface features and operates automatic levels.
- Interprets construction plan drawings to compute proposed grade elevations for roadway and drainage layouts.
- Assumes supervision of the crew during the absence of the party chief.
- Prepares drawings from field notes, reduces cross-section notes and uses planimeter to determine areas.
- Performs minor adjustment and calibration of instruments and operates electronic measuring devices.
- Prepares maps and notes and performs mathematical calculations to establish location of surface features.
- Performs a variety of sub-professional office tasks including preparation of project packages for field crews, preliminary review of survey calculations, release of technical data to the public, abstracting and writing legal descriptions.
- May perform information processing related duties including using available statistical packages or programs, encoding data, data entry and retrieval, routine information terminal operations and programming/reprogramming.
- Performs related work as assigned or required.

Knowledge, Skills, and Abilities

- Knowledge of general construction principles and practices.
- Knowledge of the techniques and practices of land surveying.
- Knowledge of some advanced mathematics.
- Skill in the use of land surveying instruments.
- Ability to read and interpret specifications, maps and construction drawings.
- Ability to make routine surveying computations quickly and accurately and prepare and trace routine survey drawings with neatness and accuracy.

LAND SURVEY TECHNICIAN 1 (continued)

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Knowledge, Skills, and Abilities (continued)

- Ability to swim and use hand and power tools.
- Ability to operate motorized equipment and possession of sufficient physical stamina to work long hours outdoors under various field conditions and exposure to traffic, extreme heat and rainfall.

For official use only

Revised	EEOC Code	Overtime Code
7/88	Technicians	Classified