



**CITY OF LONG BEACH
CLASSIFICATION SPECIFICATION**

TITLE: SENIOR SURVEY TECHNICIAN

DEFINITION: Under general supervision, performs skilled instrument work on a survey party.

EXAMPLES OF DUTIES:

- Sets up, adjusts, operates and maintains transit, level and other precision instruments in the conduct of a wide variety of survey work;
- Establishes control points;
- Determines lines, angles, distances, elevations, grades, and contours, and acts as survey party recorder;
- Makes field sketches and notes;
- Computes areas, distances, volumes, and grades;
- Sets survey monuments and benchmarks;
- Secures other data for construction, map making and other engineering purposes;
- Directs the survey party in the absence of the Chief or may act as Chief of a small party;
- May assist an engineer as liaison man on construction projects and occasionally, under supervision, may be assigned to apply field experience in assisting draftsmen;
- Performs other related duties as required.

MINIMUM REQUIREMENTS:

Two years of college training in pre-engineering, including courses in drafting and mathematics through trigonometry plus one years experience on an engineering survey party.

Additional survey experience requiring the care and use of survey instruments may be substituted for 30 units of the required college education on a one year for 15 units basis.

A valid motor vehicle operator license.

DESIRABLE QUALIFICATIONS:

A working knowledge of and ability to use and adjust precision surveying instruments, land surveying procedures, map making and drafting required in surveying; familiarity with legal descriptions and the ability to make and interpret survey calculations quickly and accurately; the ability to work effectively with a crew, exercise supervisory responsibility when so assigned, and other personality traits and abilities necessary for the position.

HISTORY:

Approval/Adoption Dates: 06/26/68