

CLASS SPECIFICATION
SAN DIEGO CITY CIVIL SERVICE COMMISSION
STUDENT ENGINEER - 1910

DEFINITION:

Under immediate supervision, to perform simple drafting, compilation of statistics, field work, and other subprofessional engineering duties; and to perform related work.

*** EXAMPLES OF DUTIES:**

- Assists engineering personnel with surveying and inspecting, traffic safety analysis, data compilation, data analysis using a computer, and construction materials testing;
- Performs drafting of maps and plats;
- Files maps and related records;
- Prepares maps and plats for field personnel;
- Assists in collecting and compiling statistics;
- Assists in traffic survey work;
- Assists with engineering permit processing;
- Computes and records field data;
- Inserts data and operates engineering computer;
- Indexes engineering records.

MINIMUM QUALIFICATIONS:

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Description for updated minimum qualifications: <https://www.governmentjobs.com/careers/sandiego/classspecs>.

Current and continuing college enrollment in an engineering program (e.g., civil, structural, mechanical, electrical, or a closely related field) leading toward a Bachelor's Degree; **AND** successful completion of a minimum of 30 semester units or 45 quarter units, including general education subjects. At least half of these units must be in mathematics, chemistry, physics, or other engineering core subjects.

*** EXAMPLES OF DUTIES** performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.