

# TECHNICIAN

## **Definition:**

Works under specific supervision to perform engineering/surveying work. This is the entry level position for the professional engineering/surveying series for those that do not have EIT/LSIT licensure. An employee in this class performs a variety of engineering/surveying tasks, increasing in scope and difficulty as knowledge and experience are gained. Work is managed and reviewed by Junior level and above engineers/surveyors.

## **Duties:**

- Prepare calculations, plans, maps, details and specifications for review by Junior level and above engineer/surveyor.
- Prepare applications and documents.
- Engineers - Construction inspection, soils testing, CAD drafting, and basic design, calculations, and plan preparation under the direct supervision of others.
- Surveyors – Field surveys as crew member, applications, entitlement process, CAD drafting, basic survey calculations under the direct supervision of others.
- Acquire experience, skills, and education as necessary to advance.

## **Qualifications:**

Experience/Education/Knowledge:

Junior Technician: No experience is required for this position however experience or proficiency with the use of surveying equipment, personal computers, word processing software, AutoCAD, and civil/structural/surveying software is desirable. Permanent part-time students are classified at this level. Student INTERNS are those that are hired for a specific duration of time (“summer intern” or “semester intern”) and are classified at this level.

Senior Technician: Three years experience as a JUNIOR TECHNICIAN or equal. Proficiency with the use of personal computers, word processing software, AutoCAD, and civil/structural/surveying software as appropriate. Surveyors shall have proficiency in the operation of field survey equipment. Ability to make complex computations and to check plans, maps, calculations, details, and specifications. Excellent oral and written communication skills are required.

Physical Demands: Work is performed in field and office settings. Some positions (surveyor, soils) entail total outdoor work and the employee is required to sit, climb or balance, stoop, kneel, crouch, or crawl. The employee must occasionally lift and/or move heavy objects. The employee works in outside weather conditions that are hot, cold and/or wet. The employee occasionally works near moving mechanical parts and in high, precarious positions. The employee is occasionally exposed to traffic, hazardous plants, insects, reptiles, and animals.

Additional: Some local and/or out of town travel is required. Possession of a valid California Driver License and clean DMV report.

## **Salary:**

\$24,960.00 to \$47,800.00