

# DESIGNER

## Definition:

Works under specific supervision to perform specialized engineering/surveying design work. 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 a Junior level and above engineer/surveyor.
- Prepare applications and documents.
- Construction inspection, soils testing, CAD drafting, and basic design, calculations, and plan preparation under the direct supervision of others.
- Field surveys as crew member, applications, entitlement processing, CAD drafting, basic survey calculations under the direct supervision of others..
- Geology
- GIS
- Planning
- Acquire experience, skills, and education as necessary to advance.

## Qualifications:

Experience/Education/Knowledge:

Junior Designer: 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 or specialized (geology, GIS, planning, etc.) skill is desirable.

Senior Designer: Three years experience as a JUNIOR DESIGNER or equal. Specialized training and/or education may be substituted for experience. Proficiency with the use of personal computers, word processing software, AutoCAD, and civil/structural/surveying software or specialized (geology, GIS, planning, etc.) skill as appropriate. 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:

\$33,300.00 to \$56,200.00