

Advance Design Consultants, Inc. is full indiscipline architectural-engineer design firm that is committed to creating inspiring places, delivering a superior product and supporting our customers throughout the design process. We believe extraordinary environments are created when the design process is based on the principles of innovation, research, and collaboration. Our expertise in providing thoughtful and innovative solutions keeps Advance Design Consultants as one of the foremost architectural and engineering firms in United States.

Advance Design Consultants, Inc. is looking for a Mechanical Engineer to join our San Jose Office. Our practices offer projects of all sizes. We are seeking a talented individual who is committed to design excellence, who thrives in an environment of collaboration and who demonstrates a high degree of creativity and entrepreneurial spirit.

Responsibilities include; but are not limited to:

- Leads and performs analysis, design and documentation of small to medium heating, ventilating and air conditioning (HVAC) systems, plumbing systems, fire protection systems, laboratory and process piping and controls.
- Working knowledge of IMC, IPC and NFPA.
- Revises, reviews and coordinates construction documents.
- Prepares, develops, and edits specifications.
- Lead assessments and write technical reports
- Visits construction sites as required for observation, answer contractor questions, or representing the owner in preparing punch lists.
- Prepares CA field observation reports.
- Refines and further develops design concepts given by others.
- Creates and develops planning and design concepts for more complex projects.
- Oversees design work of others to ensure an integrated and cohesive design.
- Assist in the development of materials for client presentations.
- Presents engineering design solutions to client representative and/or design review committees.
- Manages the engineering discipline in one or more small to medium-sized projects (including negotiating project scope and fees, job production and quality, fee management, collection, and workplan) in coordination with the project manager.
- Manages the engineering discipline in a portion of a large-sized project in coordination with the project manager.
- Establish and maintain project staffing requirements consistent with contractual obligations.
- Provides oversight and monitoring of the work performed by junior staff.
- Follows and enforces quality control procedures.

- Coordinates with consultants.
- Develops trusted relationship with clients.
- Mentors and trains junior and intermediate level staff.
- Reviews RFP's and determines submission requirements.
- May assist in developing proposal materials.
- May assist with business development activities.
- Takes an active role in a local professional association.

An ideal candidate has:

- 5+ years of AE Mechanical Engineering experience; Bachelor of Science degree in Mechanical Engineering; or equivalent combination of education and experience
- Experience in health, federal, high-technology, bio-pharmaceutical and commercial projects preferred.
- PE License required
- LEED AP or LEED AP BD+C preferred.
- Has the strong ability to manage own time based on directions given.
- Ability to multi-task under rigid deadlines.
- High proficiency with Revit and AutoCAD programs.
- Recent employment history must include architectural engineering or consulting engineering firm experience.
- Proficiency in Microsoft Office Suite(with advanced knowledge of Word and Excel), Adobe Acrobat, and SharePoint
- Excellent verbal and written communication skills in dealing with internal and external clients

Advance Design Consultants offers competitive compensation and an excellent benefit package, including 401(k) and continuing educational reimbursement. We offer 2 weeks of paid time off within the first year of employment, and pay for 7 federal holidays.

Job Type: Full-time

Required Education: Bachelor's

Required Experience: Professional Engineering License: 5 years

Required License or Certification: Professional Engineering License