

The **Mechanical Designer** position is for experienced designers. The objective is to independently evaluate, select and apply standard mechanical design techniques and procedures using judgment in making minor adaptations and modifications. Assignments have clear and specified objectives and require the investigation of a limited number of variables. Moderate design supervision, continuous improvement and training is provided through co-design.

**Responsible** for designing building mechanical systems for multiple industries including retail, education, commercial, restaurant, and entertainment industries.

**Specific tasks are as follows:**

- Assessment of existing or new project conditions is required and shall be capable of applying this information in the design.
- Communication with design team members, Project Managers, and clients for coordination of design criteria.
- Performs work which involves planning, investigating, and troubleshooting the design of the project.
- Layout equipment rooms.
- Review shop drawings and submittals.
- Respond to “Code Comments” and “Landlord Comments”.
- Participates in Premieres, project retrospectives and continuous improvement activities.

**Position Requirements:**

- Bachelor’s Degree in Engineering, Architecture or Construction Science or equivalent work experience.
- MEP design knowledge in commercial, retail, restaurant, education, and entertainment projects.
- REVIT/AutoCAD proficiency.
- Good communication skills.
- Must have a moderately strong understanding of Mechanical Codes as well as local codes and amendments.
- Able to work independently with moderate supervision and may play in a mentor role to other personnel through co-design.
- Ability to interpret and apply the codes towards system design and calculations.
- Good understanding of building structures, mechanical, electrical and plumbing systems and how they interact.
- May provide some specifications writing and editing.
- Shall be able to design mechanical systems for all retail spaces, small schools (elementary and middle), small office buildings less than 75,000 sq. ft. and under 5 floors.