



Mechanical Engineer

Nelson Associates is seeking an energetic, positive, self-motivated person to join a well-established professional design firm to work as a mechanical engineer.

This individual will be an integral part of the architectural and engineering design group, working alongside engineers, architects, and project managers in performing technical design and specification.

Duties and Responsibilities:

- Design and develop HVAC, plumbing, and fire protection systems for commercial, institutional, education, health care, multi-family housing, and other related type projects
- Produce contract documents, including plans and specifications
- Perform heating/cooling calculations
- Perform system sizing calculations
- Prepare construction and design cost estimates
- Work with multi-discipline project teams to coordinate mechanical, electrical, plumbing, and fire protection with architectural documents
- Prepare technical reports
- Perform review of calculations, drawings, and specifications prepared by technical staff
- Mentor and train entry-level mechanical engineers/designers

Requirements:

- BS in Mechanical Engineering or Mechanical Technology
- 5-20 years experience working with mechanical and HVAC systems (mid to senior level desired)

- PE registration required
- Skilled in AutoCAD (Revit a plus)
- Proficiency in the design of mechanical systems for various building types
- Knowledge and understanding of national and local mechanical and energy codes
- Strong knowledge of design of HVAC systems
- Ability to read and understand P&IDs, control strategies, and the development of control schematics based upon these documents
- Ability to work with multi-discipline project teams
- Ability to make basic technical decisions regarding analysis and detailing
- Ability to work independently to effectively complete routine tasks
- Strong verbal and written communication skills that are well organized

Salary Range: \$65,000 to \$80,000

Benefits: Healthcare, dental, 401K

Please email letters of interest and resumes to Kathleen Putney, kputney@nelsonae.com

Nelson Associates is an Equal Opportunity Employer.