

Vacancy: JUNIOR DESIGN ENGINEER

A junior design engineer is required, who is flexible in their continued learning.

Scope of work

Projects to be involved with would include; Building Services, Mechanical Design (Plumbing, HVAC), Electrical / Emergency (building services), Life Safety, Building Structural, and regulatory investigation.

Areas of practice include, Residential, Commercial and Industrial Buildings; Ontario Building Code Compliance, Fire Code Compliance and Pre-Start Safety Reviews (Industrial). Clients vary from large multi-national corporations, to one owner private buildings / projects.

Responsibilities

- Work with the principal engineer at the company (Waterloo Alumni Mech '98), in support of the project requirements.
- Investigate project design requirements, research code / design aspects, apply requirements to a design, for review by the principal.
- Provide calculations and design summaries for HVAC, Plumbing, Electrical, Life Safety, Structural, and Building related works, as required.
- Prepare CAD plans and specifications for the project, typically for a permit application and/or for construction.
- Provide field reporting for ongoing construction works, and report on findings relative to the the construction plans.
- Communications with clients from initial project investigation to project completion.
- Coordinate with Municipalities regarding regulatory and permit works.
- Responsibilities may increase with a competent candidate, as one's proficiency grows.
- Will be working with the Principal (P.Eng), designer, and other Junior Designer (EIT).

Required Skills

- Functional in all MS Office suite software.
- Working knowledge of AutoCAD 2D.
- Ability to read and understand codes / regulations applicable to a project.
- Ability to investigate project information and gather data that is absent / unclear, as related to a project deliverable.
- Ability to work from verbal instructions for project deliverable.
- Have good mental retention of materials that are read, and be able to apply that knowledge long after first instance of reading.
- Must be able to work on numerous projects within a work week.

Career Development and Training

- Individual must be working towards their PEO licence, and engage in the EIT program.
- BCIN registration (MMAH) is encouraged. MMAH course manual completion is a minimum once at the position.
- Self-training for technical skills related to the position is a must.
- Materials for self-learning will be made available.
- Annual professional training is encouraged (portions of training area funded).

Transportation and Housing

- You are responsible for your transportation to work each day.
- Parking is available at the office.
- A vehicle is required for site inspection / review works. Candidate must have their own independent transportation.
- Hamilton has an abundance of rental options, from modern to heritage properties.



216-270 Sherman Avenue North
Hamilton ON L8L 6N4

Engineering • Project Management • Regulatory Compliance

Other Job Details

Looking for an active individual, who can work within a varied work environment. You will not be doing the same thing each week. Project demands are varied and the individual must be able to adapt to the changing needs, from client to client and project to project.

This is an ideal position for a person who is able to learn fast, apply that knowledge, and be ready to learn again the next day.

Apply to D. Gregory Weekes at
gweekes@weekesengineering.com