Structural E.I.T. – Full Time Position
Edmonton, AB

At Access Engineering, we are hard-working, values-driven and inspired by community. By empowering our team and fostering a culture of innovation, we continually improve our process to provide exceptional structural engineering solutions, delivered with an unwavering commitment to quality. This is the Access Advantage.

We have created an intimate work environment wherein professionalism, respect, and teamwork are paramount, and we intend to keep it this way. We value the skillset of each person in our organization and invest aggressively in the professional development of our employees.

We stay current with leading-edge technology in building-information-modelling (BIM) and structural analysis software, allowing for integration of our engineering designs for more efficient structures. At the heart of every project is our commitment to being responsive, transparent, and providing the best process-driven structural engineering possible. We have in-depth knowledge of local bylaws, building codes, design standards, and have well-developed relationships with regional authorities and builders.

Position Description

The ideal candidate for this position will be a registered Engineer-In-Training with the Association of Professional Engineers & Geoscientists of Alberta. As an junior level structural engineer at Access, you will have the following responsibilities:

- Participate in project processes through design development and construction issuances for industrial, commercial, and residential building developments and renovations
- Prepare engineering calculations
- Sketch design layouts and details for distribution to drafting team for further collaboration and development
- Prepare cost estimates and written specification packages in accordance with CSI MasterFormat for building projects
- Prepare formal assessment reports
- Complete duties in accordance with Access' Professional Practice Management Plan (PPMP)
- Communicate directly with clients, architects, developers, and contractors
- Perform site assessments/field reviews

Minimum Requirements

- Civil engineering graduate with 2+ years of Canadian experience as a practicing structural design engineer with a focus in building design utilizing structural steel, timber, and concrete
- Competency with Microsoft Office Suite (Excel, Word, Outlook, etc.)
- Competency in the use of S-FRAME structural software, MathCAD computational software, WoodWORKS Design Software, Masonry Analysis Structural Software (MASS), TEDDS Tekla structural software, and Adobe PDF

- Working knowledge of the content of the following codes and design manuals:
  a. Alberta Building Code – Structural Design
  b. CWC – Wood Design Manual (CSA-A86 "Engineering Design in Wood")
  c. CISC - Handbook of Steel Construction (CSA-S16 "Limit States Design of Steel Structures")
  d. Cement Association of Canada – Concrete Design Handbook (CSA-A23.3 "Design of Concrete Structures")
  e. Masonry Design for Engineers (CSA-S304 "Design of Masonry Structures")
- Strong verbal and written communication skills
- Valid full privilege Class 5 Alberta Driver's License – or out of province equivalent
- Ability to work in a team environment with initiative and attention to detail

Desirable Qualifications

- Accumulation of design experience to apply for P. Eng. with Association of Professional Engineers & Geoscientists of Alberta
- Working knowledge of the Alberta Building Code
- Experience in design development and construction administration of formalized public and commercial building projects
- Strong time-management skills with the ability to work on several projects concurrently

Compensation

- Salary $65,000-$75,000/annum. – commensurate with experience
- Comprehensive group benefits package
- Opportunity for RRSP matching plan after one year employment
- Modern workplace with comfortable workstations, hardware, and software

Location

- Edmonton, AB

Start Date

- TBD

Please submit applications to:

Allisha Clemetson, HR Manager
E: aclemetson@accesseng.ca

Thank you.