

Mechanical Engineering Intern (EIT)

Location: Sudbury

HM: Jeff Girard

At our core, we're a community. Together, we exercise creative thought, developing engineering and designs as individual as the people and projects we touch. From approval and permitting to design and construction management services, we put the goals of our clients and their communities at the center of everything we create. Join us as we assist mining companies in getting mined materials to communities around the globe.

Your Opportunity

As a Mechanical Engineer in Training (EIT), you will work with close guidance and supervision on tasks and smaller projects, and as a team member of a larger project under the guidance of a senior engineer/designer. You will participate in the evaluation, recommendation, and specification of engineered systems or products for a project. You will assist in verifying compliance with applicable codes and engineering standards/practices.

Your Key Responsibilities

- Conducts basic interpretations of drawings, codes, and other similar materials.
- Performs design for the mechanical discipline using knowledge of relevant software programs.
- Works with other engineering disciplines and professionals in the coordination of the project under the direction of a senior engineer/ designer.
- Drafts basic technical documents under the direction of a senior engineer/ designer.
- Performs field work as directed by a senior engineer/ designer.
- Performs calculations to analyze and design individual mechanical system components using company standard software and proprietary manufacturer software.
- Assists with basic engineering duties on projects of various complexity.
- Assists with collecting data and gathering information to support design decisions.
- Work as a contributing team member within a multi-discipline team.
- Understand and work within Stantec's quality control guidelines.
- Comply with Stantec's EH&S program, with a focus on safety in the field.
- Execute mechanical engineering deliverables on multiple projects in a dynamic work environment.
- Complete required mechanical calculations for equipment sizing, material selection, etc.
- Performs other duties as assigned by the senior engineering staff.

Qualifications

Your Capabilities and Credentials

- Basic understanding of drafting/design tools, including 2D and 3D Design and Modeling software.
- Ability to participate and collaborate in project team setting and to engage in creative and critical thought.
- Understanding of mechanical engineering concepts and ability to effectively communicate ideas to others.
- Ability to interpret sketches, drawings, codes and standards and other similar material.
- Ability to perform assigned responsibilities with minimal to moderate supervision.
- Ability to take direction, follow process and accept feedback and suggestions from senior engineers/designers.
- Skilled at conducting preliminary research and preparation of technical and project specific documentations.
- Field experience is considered an asset.

- Sound technical skills, with focus on accurate design calculations and analysis.
- Strong desire to learn and work in a team environment.
- Outstanding written and verbal communication skills.
- Excellent organizational skills.
- Ability to perform in a dynamic and fast-paced environment.
- Willingness to go the 'extra mile' to support projects, clients, and fellow employees.
- Knowledge of and ability to use standard computer applications including, but not limited to Microsoft Office Suite and AutoCAD.

Education and Experience

Bachelor's degree in Mechanical Engineering & EIT

Co-op/Internship experience preferred.

Minimum of 0-2 years of experience.

Typical office environment working with computers and remaining sedentary for long periods of time. Field work may include exposure to the elements including inclement weather.

This description is not a comprehensive listing of activities, duties or responsibilities that may be required of the employee and other duties, responsibilities and activities may be assigned or may be changed at any time with or without notice.

Stantec is a place where the best and brightest come to build on each other's talents, do exciting work, and make an impact on the world around us. Join us and redefine your personal best.