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Engineer In Training

ENG-TECH Consulting Limited is seeking a full time Engineer-in-Training/Junior Engineer who will be involved in a variety of duties both internal and external. Typical requirements and duties are outlined below.

This position requires 1 to 2 years' experience in Geotechnical and Materials Engineering (Co-op terms included). Skills required include supervision of staff/sub-contractors; conducting field work; analysis; interpretation of technical procedures and specifications; and preparation of technical reports. Must possess an eye for detail and be computer literate with good critical thinking skills and the ability to communicate complex ideas clearly and simply, both orally and in writing. A background and/or interest in Water Resources is preferred as you may be assigned to a Water Resources project, but a background/interest in geotechnical or environmental engineering will also be helpful for the position

General Job Description

Site investigations and related field work, including, but not exclusive to, surveying, soil sampling, site inspections.

Writing reports. Producing soil logs.

Producing AutoCAD drawings as required by the project.

Assisting engineers and EITs with project work as needed.

Responsibilities

Perform geotechnical analysis and study for quality assessment/quality control.

Plan and conduct geotechnical exploration effectively.

Perform field inspections and investigations for construction projects.

Analyze geotechnical findings, perform appropriate calculations and prepare reports.

Develop proposals and determine cost and schedule for investigations.

Interact with customers and team members to complete the assigned project on-time.

Perform basic office administration tasks when needed.

Assist senior engineering staff in design and evaluation of construction projects.

Develop design drawings and specifications for construction projects.

Review geotechnical designs developed by outside consultants.

Review construction design proposals and assess geotechnical aspects.

Knowledge

Foundational knowledge of Civil Engineering.
Familiarity with the construction industry, including major infrastructure projects.
Familiar with general and project specific Occupational Safety programs.
Basic proficiency with industry software such as AutoCADD.

Skills

Good written, oral and computer communication.
Well organized.
Ability to multi-task.
Comfortable with working in a fast-paced environment.
Strong math and analytical skills.
Class 5 drivers license required