

Job Information

Job title	Student Engineering Technician		Job Code: STUENG	Pay Grade: A
Title of immediate supervisor	Engineering Technician			
Department/Division	Engineering			
Prepared by	N. Pallan			
Date Created	Aug 19, 2015	Revised date		
Dept Head Signature	Originally signed by Harley Machielse	Date	September 11, 2015	

Job Purpose

Assists in a variety of engineering duties including field work, engineering calculations, AutoCAD drawing preparation, water sampling and quality testing and data collection of traffic patterns.

Duties and Responsibilities

- Uses AutoCAD software to produce civil engineering drawings.
- Uses spreadsheet software to perform engineering and cost estimate analysis.
- Performs basic mathematical calculations related to a variety of engineering software programs.
- Assists on field or office projects.
- Conducts sampling and analysis of stream and waste water quality.
- Summarises findings in a draft report format.
- Assists with site investigations when required.
- Conducts field data collection for pedestrian, cyclist and traffic flows
- Performs other related duties as required.
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Qualifications

- Grade 12 or equivalent.
- One year post-secondary education in an Engineering Program at a University or Technical Institution.
- Enrolment in a full time post-secondary education program is mandatory.
- One month of work experience.
- An equivalent combination of education and experience may be considered.
- Valid Class 5 or 7 BC Driver's Licence.

Physical Requirements

Physically fit to perform field duties.

Working Conditions

Works in an office environment and out in the field.