



# JOB DESCRIPTION

## Engineering Co-op Student

### JOB FUNCTION

Carry out assigned work activities under the supervision of an experience Global First Power (GFP) employee.

### JOB DUTIES

The Student must work safely under the supervision of an experienced GFP employee. The student is and experiential position and shall carry out activities to develop that experience. Supervised activities must be performed in accordance with written and approved policy, standards, programs, procedures, and instructions that reflect the expectations of the Manager Design Engineering and all applicable rules, regulations, codes, standards and requirements of the station operating licenses, including the license condition handbooks. Any Object prepared by a student shall be co-signed by a qualified GFP Employee.

1. support the preparation of engineering and scientific aspects of power generation, transmission and distribution according to general instructions, and using a broad field of engineering and technical knowledge: work with established designs or general direction governing advanced or developmental approaches; carry out analyses, interpretations and special studies for the definition and solution of problems, or for economic or efficiency considerations; prepare or modify specifications, procedures, estimates and information on contract content, material selection or treatment, testing, etc; visit project sites and manufacturers' locations to obtain data and review progress with customers, suppliers, and to become familiar with the operating environment.
2. Support analyses of engineering or scientific designs or schemes of work for plant, equipment and systems, including contracted portions, to ensure optimum, economic, project design parameters are met: participate in analyses, including discussions with suppliers regarding matters of design, facility operation, cost, availability, schedule, manufacturing technique, performance tests, etc; prepare recommendations to achieve project objectives; work with others, including customers, suppliers, in the resolution of problems.
3. Participate on multidisciplinary project teams to interface the engineering and constructions effort with the requirements of other contributing or concerned groups.

4. Serve on committees, task forces, etc.: contribute to matters under discussion; make presentations.
5. Develop an awareness of state-of-the-art of the engineering profession and new advances in engineering design, methods, materials, etc.
6. Perform work activities to support administration, projects, construction, commissioning maintenance and operations.
7. Other Duties as Required

## EDUCATION

- Requires a secondary education and enrolment and successful completion of at least two year post secondary education at college or university as determined by the hiring manager.

## EXPERIENCE

- Requires rudimentary experience of facility, equipment and systems operations. Requires demonstrated experience in oral and written skills. Including demonstration of ability to pursue problem solving processes in a team environment. A period of less than 1 year demonstrated employment is considered necessary to gain this experience.