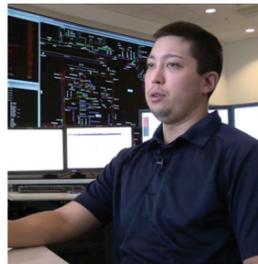


“Studying electrical engineering at Lakehead has shown me that with commitment and a supportive academic environment, it is possible to succeed. I’m currently working on a master’s degree specializing in control systems for motor drives and wind energy systems, following which I intend to pursue a career in the private sector.”

Garin Schoonhoven
Bachelor of Engineering, Lakehead University
2013 graduate



“I applied to Georgian because of its strong partnerships with several utilities. I really liked my professors because they had real life experience in the field. In my current role, I help manage all the distribution assets in PowerStream’s service territory. We respond to system challenges and make sure power is being distributed safely and efficiently.”

Ron Mori
Apprentice System Controller, PowerStream
Electrical Engineering Technology Advanced Diploma, Georgian College
2010 graduate



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Offered at Georgian's Barrie Campus, students will complete both a degree and a diploma in four years. The program provides students with a solid foundation across all areas of electrical engineering – gaining valuable theoretical knowledge, practical engineering and applied technology skills. Specific course offerings focus on subfields such as digital and analog micro-electronics, power electronics, communication systems, computer networks, power systems and electrical machinery.

A bright future

Graduates are well-equipped for future specialization and a wide range of career opportunities. Electrical engineers deal with the design of economically viable and ecologically balanced electronic and electrical equipment and systems. Beyond the design, engineers are involved in all stages of product or system development, from manufacturing and testing, to maintenance and troubleshooting in the field. The career of an electrical engineer is often centred on a combination of these work areas and some choose to move into specialized areas such as consulting, entrepreneurial product design, marketing, or project management after gaining more experience.