

Electrical Technician and Technology – Program Fit

Program focus	Electrical Technician (EETN) Two years (four academic semesters + two co-op work term)	Electrical Technology (EETY) Three years (six academic semesters + three co-op work terms)
Program workload and expectations	<ul style="list-style-type: none">• First year – fundamental electrical principles, math, electrical systems & controls and cad skills• Second year – electrical training including electrical machines, robotics, plc's, electrical maintenance and power transmission.• Strong focus on lab or field-based learning.	<ul style="list-style-type: none">• First and second year – identical to Technician program• Third year – advanced electrical management, laboratory and research skills• Application of knowledge and skills related to the control & protection of electrical systems, equipment and system design.
Successful student/employee	<ul style="list-style-type: none">• 19-20 hours of classes a week• Six courses per semester• Moderate math, written, communication and computer skills	<ul style="list-style-type: none">• 19-20 hours of classes a week• six courses per semester• Progressive math, written, communication and computer skills based on first and second year courses
Employment expectations	<ul style="list-style-type: none">• Job-specific focused• Work with minimum supervision• Reliable, dependable, and respectful• Good communication skills• Strong team player• Self-starter• Ability to prioritize, meet deadlines and work independently• Actively participates in program	<ul style="list-style-type: none">• Career-focused• Self-directed with time and priorities• Ability to lead team• Strong communication skills• High attention to detail• Broad level thinking• Professional decision making skills• Strong ability to prioritize, meet deadlines and work independently
Typical employers	<ul style="list-style-type: none">• Entry-level practitioner• Work under direction of team lead• Self-direction with limited administrative reporting• Perform assigned tasks/daily duties	<ul style="list-style-type: none">• Potential for future managerial roles• Self-directed with administrative reporting• Develop and manage projects; troubleshoot problems

Students will take courses in applied technology, electrical principles, electrical power systems, and electrical industrial automation and college fundamentals. Co-op is a mandatory component of both programs.

For more information, please visit
georgiancollege.ca/academics/full-time-programs/