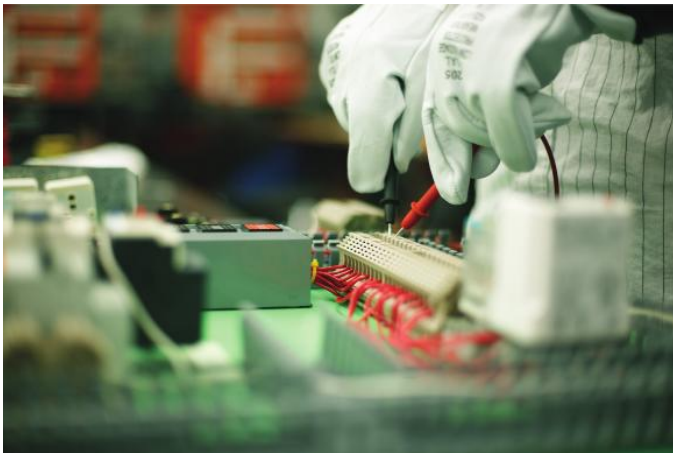


ELECTRONICS TECHNICIAN PROGRAM (DISTANCE EDUCATION) (T901)

PROGRAM NAME	Electronics Technician	TUITION	\$1,665.00*
COURSE CODE	T901	ADDITIONAL COST	
SCHOOL	School of Mechanical and Engineering Technologies		
CENTRE	Construction Engineering Technology		*Amounts listed are the total of tuition and materials for the programs starting in fall 2017. Fees are subject to change for programs starting in fall 2018 and at later dates.
LOCATION	Distance Education		
DURATION	32 weeks (approximately)		\$60 per module, plus \$285 for the USB drive (which includes all software and required materials). International applicants are charged the same fees but in U.S. dollars (US\$60 plus US\$285); the posted exchange rate in effect at the time of your registration will be used to determine the final fee in Canadian dollars. There is no refund on USB course materials for this program.
STARTING MONTH	Open enrolment		
CREDENTIAL	George Brown College Certificate		
YEAR OF STUDY	2018-2019		
METHOD OF STUDY	Distance		
APPLY TO	Call 416-415-4726 or see etcourse.com .		



This is a Distance Education program in which you complete all courses (modules) by studying at home, with an interactive learning package on a personal computer. Laboratory projects and exercises are also carried out in this way. The learning package consists of 23 courses on a USB drive with text, video, animation, computer-based testing and a computerized simulation of an electronics laboratory. Students also have telephone or email access to a tutor for personal assistance.

You may enrol at any time during the year (open-enrolment) and complete the modules in the learning package at your own speed. Typical completion time is 32 weeks, but there are no time limits.

PREREQUISITES

Ontario Secondary School Diploma (with credits at or above general level) or equivalent or mature student status. An electronics background is helpful but not essential.

ADVANCED STANDING

If you have finished the Electromechanical Technician program, you are exempted from 18 modules of the Electronics Technician program.

PROGRAM STANDARDS AND LEARNING OUTCOMES

Every credential at George Brown College delivers detailed program learning outcomes that are discipline specific and aligned with the appropriate credential level. Program learning outcomes are statements that describe the knowledge and skills that students are expected to demonstrate by the end of their program of study. To see the relevant program learning outcomes for your specific program of study, please visit georgebrown.ca/programs/learning-standards-and-outcomes

REQUIRED COURSES

The modules should be taken in the following order.

COMPULSORY (23)

Code	Course Name
ELNC 9034	Introduction to Electronics
ELCL 9049	Current, Voltage and Resistance
ELCL 9050	Ohm's Law, Power and Energy
ELCL 9048	Series Circuits
ELCL 9047	Parallel Circuits
ELCL 9046	Series-Parallel Circuits
ELNC 9036	DC Measuring Instruments
ELCL 9045	Network Theorems
ELCL 9044	Magnetism
ELCL 9043	Magnetic Circuits
ELCL 9042	Alternating Voltages and Currents
ELCL 9041	AC Measuring Instruments
ELCL 9040	Capacitance and Capacitors
ELCL 9039	Inductance and Inductors
ELNC 9033	Transformers
ELCL 9038	Alternating Current Circuits
ELNC 9032	Resonance
ELNC 9031	Coupling and Filter Circuits
ELNC 9030	Semiconductor Fundamentals
ELNC 9037	Transistors and Thyristors
ELNC 9029	Amplifier Circuits
ELNC 9028	Integrated Circuits
ELNC 9035	Digital Electronics

YOUR CAREER

Graduates will be prepared to work as service technicians on electronic products and equipment used by consumers, business and industry. Typical activities include:

- Assembling
- Maintaining
- Testing
- Troubleshooting
- Repairing and upgrading equipment and systems

FUTURE STUDY OPTIONS

Credits from this program may be applied toward the Electronics Engineering Technician diploma program.

Credits from this program may also be applied toward a four-year Bachelor of Science in Technology Management degree offered through George Brown College's partnership with Indiana State University (ISU).

You can also transfer credits toward a four-year Bachelor of Science degree offered through George Brown College's partnership with Athabasca University.

Credits from this program may also be applied toward a four-year Bachelor of Science in Organizational Studies degree offered through George Brown College's partnership with Neumann University.

ADMISSION REQUIREMENTS

Applicants are selected on the basis of their academic achievement, including the required courses, and any other selection criteria outlined below.

- Ontario Secondary School Diploma or equivalent**
- Grade 12 English (C or U)
- Grade 11 Math (M or U) or Grade 12 (C or U)

** Mature Student status (19 years of age or older)

SPECIAL REQUIREMENTS

- Pentium-based PC or equivalent
- USB port and sound card
- Minimum 512MB RAM (1GB recommended)
- Minimum 250MB available hard disk space
- Windows XP/Vista/7/8/8.1/10
- Email account
- Internet access
- 32 and 64 bit compatible

CONTACT US

Call us at 416-415-4726, or toll-free 1-888-553-5333.

E-mail info@gbctechtraining.com.

Check out the course details along with our interactive video tour at etcourse.com

George Brown College is continually striving to improve its programs and their delivery. The information contained in this calendar is subject to change without notice. It should not be viewed as a representation, offer or warranty. Students are responsible for verifying George Brown College admission, graduation, and fee requirements as well as any requirements of outside institutions, industry associations, or other bodies that may award additional designations concurrently with, or after completion of, a George Brown College program.