

## CONSTRUCTION TRADES TECHNIQUES PROGRAM (T126)

<b>PROGRAM NAME</b>	Construction Trades Techniques	<b>TUITION</b>	\$6,108.00 †
<b>COURSE CODE</b>	T126	<b>ADDITIONAL COST</b>	† Amounts listed are the total of tuition, materials, student service and ancillary fees for the <b>three</b> semesters of programs starting in Fall <b>2018</b> . Fees are subject to change for programs starting in Fall 2019 and at later dates.
<b>SCHOOL</b>	School of Apprenticeship and Skilled Trades	<b>International students:</b>	Visit the International Fees and Related Costs <sup>2</sup> page for more information.
<b>CENTRE</b>	Construction Engineering Technology		
<b>LOCATION</b>	Casa Loma Campus		
<b>DURATION</b>	1 year (3 semesters)		
<b>STARTING MONTH</b>	September, January, May		
<b>CREDENTIAL</b>	Ontario College Certificate		
<b>YEAR OF STUDY</b>	2019-2020		
<b>METHOD OF STUDY</b>	FT		
<b>APPLY TO</b>	Ontario Colleges <sup>1</sup>		

The Construction Trades Techniques program covers popular construction trade areas and has three intakes per year.

This program is designed to offer you choices when considering a career in the construction sector. It exposes you to a variety of trades allowing you to determine where your interests lie. The program will prepare you with basic skills that will assist you in taking the next steps in your career path.

**Semester 1:** Electrical/Millwrighting

**Semester 2:** Sheet Metal/Air Conditioning/Carpentry

**Semester 3:** Welding/Steamfitting/Plumbing

Through practical projects interwoven with theoretical learning, you will gain confidence and experience in the individual trade sections, giving you the information necessary to make informed career choices as well as a good understanding of the construction process.

### THE INDUSTRY

The construction industry is one of the country's largest employers, and skilled trades workers are among the highest paid and most in demand in Canada.

Ontario will need to attract over 109,000 new construction workers over the next 10 years.

### PROGRAM STANDARDS AND LEARNING OUTCOMES

The graduate has reliably demonstrated the ability to:

1. Identify and use strategies to enhance professional growth and ongoing learning in the construction field.
2. Identify and adhere to established health and safety practices.
3. Perform all construction tasks in compliance with applicable laws, regulations, codes and ethical practices in the construction field.

4. Work in accordance with established sustainability practices.
5. Collaborate with a range of tradespersons and project stakeholders to maintain effective working relationships.
6. Communicate technical information to a variety of clients, supervisors and tradespersons to participate in the successful completion of construction projects.
7. Identify and use industry-specific technologies to support construction projects.
8. Solve on-site trade-related construction problems using mathematical equations and geometric concepts.
9. Select, maintain and safely operate hand and power tools and equipment used in the building construction trades.
10. Assist in the preparation of project estimates.
11. Assist skilled tradespersons and perform labouring tasks at construction sites.

### REQUIRED COURSES

#### SEMESTER 1

Code	Course name
BLDG1124	Electrical Trade Theory
BLDG1125	Introduction to Electrical Code & Prints
BLDG1121	Electrical Trade Shop
BLDG1122	Technical Drawing
BLDG1123	Millwright Trade Shop
COMM1007	College English

#### SEMESTER 2

Code	Course name
BLDG1132	Carpentry Trade Theory
BLDG1133	Experience Carpentry – Shop
BLDG1134	Trade Calculations
BLDG1135	Refrigeration Trade Theory
BLDG1137	Sheet Metal Trade Theory
BLDG1138	Refrigeration Trade Shop
BLDG1139	Sheet Metal Trade Shop
GNEC	General Education Elective

## SEMESTER 3

Code	Course name
BLDG1110	Welding Trade Theory
BLDG1111	Welding Trade Shop
BLDG1112	Plumbing Trade Theory
BLDG1113	Plumbing Trade Shop
BLDG1114	Trade Documentation
GNED	General Education Elective

## YOUR CAREER

As a graduate of the program, you can bring a broad range of skills to future employers. Once you have decided which sector of the industry interests you, you can seek employment in that area or increase your marketability and knowledge by continuing on to a one-year, two-year or three-year program at George Brown College.

## 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 AND NO OSSD)

Mature Students may take the Admissions Assessment<sup>3</sup> for English and Math, OR may consider upgrading to achieve the credit(s) needed in English<sup>4</sup> and Math<sup>5</sup>.

Please note that George Brown is committed to ensuring that applicants will succeed in their program of choice and meeting the minimum requirements does not guarantee admission to the program. Applicants may be required to have grades higher than the minimum requirements stated.

## COURSE EXEMPTIONS

College or university credits may qualify you for course exemptions. Please visit [georgebrown.ca/transferguide](http://georgebrown.ca/transferguide) for more information.

## INTERNATIONAL STUDENTS

Visit the International Admissions<sup>6</sup> page for more information.

"If you like a little bit of everything, like I do, or you're still feeling out what works best for you, this program is a fantastic opportunity. Each semester is full of different trades and new experiences. I have learned so much, not just in theory, but in practice too. It has been an unbelievably valuable experience. I love understanding the overlap the trades have with one another!"

**Alicia Parrott-Barros** (Graduate, Construction Trades Techniques)

## CONTACT US

### School of Apprenticeship and Skilled Trades

Phone: 416-415-5000, ext. 6711

Email: [bmulveney@georgebrown.ca](mailto:bmulveney@georgebrown.ca)

Office: Casa Loma Campus, Room E308

For more information about George Brown College, you may also call the Contact Centre at 416-415-2000 (TTY 1-877-515-5559) or long distance 1-800-265-2002.

## VISIT OUR CAMPUS

Do you have questions about this program or your career options? Join us for an on-campus Information Session. You'll have the opportunity to meet our friendly instructors and staff, ask questions and experience what it's like to be in a George Brown College classroom.

Sign up for an Information Session<sup>7</sup>.

## LINKS REFERENCE

<sup>1</sup><https://collegeapply.ontariocolleges.ca/?collegeCode=GBTC&programCode=T126&lang=en>

<sup>2</sup><http://www.georgebrown.ca/international/futurestudents/tuitionfees/>

<sup>3</sup><http://www.georgebrown.ca/assessment/admi-pre/>

<sup>4</sup><http://www.georgebrown.ca/upgrading-credits/english-diploma/>

<sup>5</sup><http://www.georgebrown.ca/upgrading-credits/math-diploma/>

<sup>6</sup><http://www.georgebrown.ca/international/futurestudents/howtoapply/>

<sup>7</sup>[http://www.georgebrown.ca/tours\\_technology/](http://www.georgebrown.ca/tours_technology/)

*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.*