

CARPENTRY AND RENOVATION TECHNICIAN PROGRAM (T180) (PREVIOUSLY T110)

PROGRAM NAME	Carpentry and Renovation Technician	TUITION	\$3,974.00*
COURSE CODE	T180	ADDITIONAL COST	
SCHOOL	School of Apprenticeship and Skilled Trades		
CENTRE	Construction Engineering Technology		
LOCATION	Casa Loma Campus		
DURATION	2 years (4 semesters)		
EXPERIENTIAL LEARNING	Field Placement		
STARTING MONTH	September, January		
CREDENTIAL	Ontario College Diploma		
YEAR OF STUDY	2020-2021		
METHOD OF STUDY	FT		
APPLY TO	Ontario Colleges ¹		

Building Renovation Technician is a two-year program designed to prepare you for employment in the renovation and construction field, with sustainable design principles being key.



You will learn new construction and building renovation skills, carpentry techniques and new materials applications while gaining a solid understanding of the renovation-related trades. Hands-on training takes place in fully equipped labs where students practice framing and finishing techniques using sustainable design principles.

Practical applications include:

- Residential construction and renovations
- Millwork
- Demolition
- Framing
- Finishes
- Drywall installation and finishing
- Site management
- Cabinetry
- Stair construction
- Building code
- Basics in electrical, HVAC, and plumbing systems
- Estimating

Note: When you enrol in the program in January, you are required to complete semester 2 in the summer (May to August) of the same year in order to continue into semester 3 in the fall.

PART TIME STUDY OPTIONS

Part-time study options are not available for this program; however, our Continuing Education department offers evening courses and part-time certificate programs in Building/Construction Technologies. See coned.georgebrown.ca

EXPERIENTIAL LEARNING

Field Placement

YOUR FIELD STUDY OPTIONS

This program offers two field placement opportunities in semester 3 and semester 4. George Brown works with employers and industry partners to identify potential work experience opportunities. Students are also strongly encouraged to pursue self-directed industry work experience opportunities they believe would provide the learning experiences they value and meet the learning outcomes of the program. This valuable work experience can in turn be added to your resume.

In addition to more formal on-the-job work experience, George Brown College endeavours to provide additional learning opportunities with real-world challenges and clients. Find out more about field education³ at our Industry Liaison office.

PROGRAM STANDARDS AND LEARNING OUTCOMES

The graduate has reliably demonstrated the ability to:

1. Develop and use strategies for ongoing professional development to remain current with industry changes, enhance work performance and explore career opportunities.

2. Comply with health and safety practices and procedures in accordance with current legislation and regulations.
3. Assist in the preparation of material estimations and quotes and complete all work in compliance with the rights and conditions of contractual obligations, the Ontario and/or National Building Codes, applicable laws, bylaws, standards and ethical practices in the construction, renovation and conservation building fields.
4. Incorporate sustainability practices in the implementation of building construction, renovation and conservation projects in accordance with sustainable building guidelines.
5. Communicate and collaborate with diverse clients, supervisors, coworkers and tradespersons to complete projects on time and to maintain effective working relationships.
6. Interpret project plans and produce technical sketches and documents to support building construction and renovation projects.
7. Select and use technologies to obtain, organize and communicate building construction and renovation information.
8. Solve problems related to the implementation of building construction and renovation projects by applying the principles of basic technical mathematics, building design and building science.
9. Select, maintain and safely use hand tools, and portable and stationary power tools, when performing layout, cutting, fitting and assembly operations.
10. Complete building and renovation stages, from site layout and footings to the application of interior and exterior finishes, in accordance with blueprint specifications and conservation principles.
11. Select a range of materials and equipment for their appropriate application to building construction and renovation projects.
12. Schedule and assist in monitoring the progression of building construction and renovation projects by applying basic principles and strategies of project management.
13. Apply basic business principles and strategies to the operation of building construction and/or renovation enterprise.

REQUIRED COURSES

SEMESTER 1

Code	Course Name
BLDG 1009	Residential Wood Frame Construction
DRFT1006	Architectural Plan Interpretation 1
GHUM1106	History of Architecture
COMM1007	College English
MATH1136	Mathematics for Building Technologies 1

SEMESTER 2

Code	Course Name
BLDG1081	Construction Safety and Rigging
BLDG1082	Construction Layout
BLDG2003	ICI Renovation
DRFT2017	Architectural Plan Interpretation 2
PORT 1001	Portfolio
GSCI1022	Building Science and the Environment
MATH1146	Mathematics for Building Technologies 2

SEMESTER 3

Code	Course Name
BLDG1020	Interior Millwork and Finishes
BLDG2033	Field Placement 1
BLDG2052	Methods of Measurement: Renovation and Redevelopment
BLDG3027	Deconstruction Methods
COMM1113	Professional Communications for Building Technologies
GNED	General Education Elective

SEMESTER 4

Code	Course Name
BLDG2008	Associated Trades – Applied Theory and Applications
BLDG2027	Field Placement 2
BLDG2050	Estimating
BLDG2071	Site Management and Industry Practices
GNED	General Education Elective

YOUR CAREER

Graduates may find employment in many areas of the renovation and construction field. Opportunities may include:

- Renovation
- General contracting
- Custom home building
- Carpentry
- Site supervision
- Estimating
- Technical sales
- Home inspections

FUTURE STUDY OPTIONS

This program shares the first four semesters with the three-year Building Renovation Technology advanced diploma program (T148)⁴. Students may be eligible to proceed to semester 5 of the program.

Pathways to the Honours Bachelor of Technology (Construction Management) degree program are available from the Building Renovation Technology advanced diploma program (T148). Bridge courses will be required. For more information, see georgebrown.ca/T312_Diploma_to_Degree

EDUCATIONAL/DEGREE PATHWAY

Pathways for direct entry into the third year of the Honours Bachelor of Technology (Construction Management) degree program are available from the Building Renovation Technology advanced diploma program (T148).

For more information, see georgebrown.ca/T312_Diploma_to_Degree

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 Assessment⁵ for English and Math, OR may consider upgrading to achieve the credit(s) needed in English⁶ and Math⁷.

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 for more information.

INTERNATIONAL STUDENTS

Visit the International Admissions⁸ page for more information.

"I'm working hard to maintain George Brown College's good reputation. I never realized that I would get such enjoyment and be so enthusiastic about going to school here – the hard work I put in all seems worth it."

Delonny Octave (Student, Building Renovation Technician)

CONTACT US

School of Apprenticeship and Skilled Trades

Phone: 416-415-5000, ext. 6711

Email: 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 Session⁹.

LINKS REFERENCE

¹<https://collegeapply.ontariocolleges.ca/?collegeCode=GBTC&programCode=T110&lang=en>

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

³<http://www.georgebrown.ca/industry/cet/>

⁴<http://www.georgebrown.ca/programs/building-renovation-technology-program-t148/>

⁵<http://www.georgebrown.ca/assessment/admi-pre/>

⁶<http://www.georgebrown.ca/upgrading-credits/english-diploma/>

⁷<http://www.georgebrown.ca/upgrading-credits/math-diploma/>

⁸<http://www.georgebrown.ca/international/futurestudents/howtoapply/>

⁹http://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.