



Second Career Program Research Document

T160

Heating, Refrigeration and Air
Conditioning Technician Program



Community
Partnerships Office

PROGRAM LOCATION

Section	Description	Information
1.1	Program Location	Centre for Construction & Engineering Technologies/School of Mechanical and Engineering Technologies Casa Loma Campus, 160 Kendall Ave., Toronto, ON
1.2	For map and TTC information please use this link	http://www.georgebrown.ca/maps_and_directions.aspx#CasaLoma

2 TRAINING PROGRAM

Section	Description	Information
2.1	Program website	http://www.georgebrown.ca/t160-2019-2020/ Here you will find the following information on the T160 program: <ol style="list-style-type: none"> 1. Starting dates and duration of the program 2. Program description 3. Program standards and outcomes 4. Program outline and required courses 5. Careers and Post-Graduate Study Opportunities 6. Tuition and Fees 7. Admission Requirements 8. Health Policy and allergy information 9. Program contact information 10. Link to download the program information pdf guide
2.2	Course Outline	Detailed course outlines can be found at: http://www.georgebrown.ca/CO/gbc/programs/T160.html
2.3	Is a cooperative placement part of the program and if so, how long is the placement?	No.

Section	Description	Information
2.4	Describe any other hands-on experiences included in this program	Hands-on opportunities include: design and building projects, computer labs, and annual technological skills competitions.
2.5	Is the curriculum fixed, or is it possible to develop an individual plan?	The program curriculum is generally fixed.
2.6	How long has the school been offering this program?	Contact the program coordinator.

3 EMPLOYMENT OUTLOOK

Section	Description	Information
3.1	National Occupational Classification (NOC) occupational group	Mechanical Engineering Technologists and Technicians
3.2	NOC Code	2232
3.3	NOC Skill Level	B
3.4	What are the labour market conditions for this occupation?	Please check the GBC Career Coach website for job/labour market information for this program/career. Career Coach offers current, local information about all jobs in the GTA, including an overview of each profession and a list of currently available positions in a given field. The data are not limited to industries supported by programs offered at George Brown College; however where we do offer relevant programs, students are presented with options for consideration that lead them into our own program pages. http://cc.georgebrown.ca/

3.5	Are other licenses or certifications required for this occupation?	No.
3.6	Within the last 3 years, what percentage of students completed this program?	Approximately 62 percent.
3.7	What percentage of students who completed this program are employed in jobs related to the program? Are the jobs full-time, part-time or contract?	Data shows that 92 percent of graduates are employed, 75 percent of employed graduates are employed in a related field, 92 percent in full time positions. (Graduate Employment Report, 2017-2018 of students who graduated in 2016-2017)
3.8	Who hires graduates of this program? Who are the employers? (provide examples.)	Graduates will be prepared for a range of jobs in the HVAC field. Technicians work with technologists on the design and retrofit of building systems, calculating heat loads and sizing pipes, air distribution ducts and equipment. They may also plan site layouts and develop drawings using computer-aided design software. Other employment opportunities include sales, system balancing and cost estimating for projects.
3.9	What is the program's/institutions reputation with employers in the industry/sector?	In a word, excellent, among employers and the community at large. Many employers look specifically for a George Brown diploma. And practitioners already employed in the field are often expected to return to school to acquire the diploma. With regard to the College in general, in a 2006 Environics poll on post-secondary institutions in Ontario, Greater Toronto Area residents (who themselves or whose family members are in college or are college-bound) name George Brown the province's "best college." Most respondents, when asked which college they would attend, make George Brown their top pick. (The next most popular college trails George Brown by almost 10 points.)

3.10	Can I contact current students or graduates of the program?	<p>The college cannot give out contact information for current students or graduates.</p> <p>Student testimonials are available on the School of Mechanical Engineering Technologies webpage: http://www.georgebrown.ca/engineeringtechnologies/</p>
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4 ADMISSION/ENTRANCE REQUIREMENTS

Section	Description	Information
4.1	Admission/Entrance Requirements	<p>Please see the T160 program webpage for more information on admission requirements for this program. http://www.georgebrown.ca/t160-2019-2020/</p> <p>Please visit George Brown College Admissions webpage for more information on:</p> <ol style="list-style-type: none"> 1. How to apply 2. Admission and Placement Assessments 3. Admissions Policies and FAQs 4. Entry Advising Services <p>http://www.georgebrown.ca/admissions/</p>

5 COSTS

Section	Description	Information
5.1	What is the tuition cost?	<p>Semesters 1 & 2 = \$4,067.00 Semesters 3 & 4 = \$3,968.00 Total = \$8,035.00 (2018-19)</p>
5.2	Must additional supplies be purchased through the training institution?	Yes, tools and exam fees = \$500.00
5.3	What is the cost of books?	<p>Year 1 = \$1,800.00 Year 2 = \$900.00</p>

Section	Description	Information
5.4	Is there an application fee or registration fee?	<p>Yes.</p> <p>Ontario College Application Service (OCAS): \$95.00</p> <p>International document assessment (if necessary) for document return \$60.00 plus \$10</p> <p>George Brown College fee deferral: \$500.00</p>