

GEMMOLOGY PROGRAM (F105)

PROGRAM NAME	Gemmology	TUITION	\$5,107.00 * +
COURSE CODE	F105	ADDITIONAL COST	
SCHOOL	School of Fashion Studies		
CENTRE	Arts, Design and Information Technology		* Amounts listed are the total of tuition, materials, student service and ancillary fees for the first two semesters of programs starting in Fall 2018. Fees are subject to change for programs starting in Fall 2019 and at later dates.
LOCATION	Casa Loma Campus		+ Books and additional supplies are not included in tuition fees and must be purchased by the student separately.
DURATION	1 year (2 semesters)		International students: Visit the International Fees and Related Costs ² page for more information.
STARTING MONTH	September		
CREDENTIAL	Ontario College Certificate		
YEAR OF STUDY	2019-2020		
METHOD OF STUDY	FT		
APPLY TO	Ontario Colleges ¹		

The **Gemmology** program teaches you to analyze and classify a wide variety of gem materials, both natural and artificially created. The program focuses on analyzing chemical and physical characteristics of gem and gem-like materials, and identifying different gems. The gem materials are classified into categories according to their desirable characteristics, which eventually determine the value of the gems. To accomplish the identification and classification, you use a number of specially designed instruments, such as microscopes, spectroscopes, refractometers and polariscopes, on real gem materials.



Visual acuity and accurate colour rendition are essential traits for success in Gemmology.

Refractive Index liquid (RI liquid), which contains diiodomethane, is a commonly used chemical in Gemmology practice. If you are pregnant, have certain medical conditions or are sensitive to RI liquid, please consult with your physician for advice before you attend this program, as you will be exposed to RI liquid in Gemmology lab work.

THE INDUSTRY

The Gemmology industry works in partnership in a number of sectors including:

- retail trade
- repair
- wholesale
- jewellery manufacturing
- mining
- appraisal
- auction houses
- scientific

- technical

PROGRAM STANDARDS AND LEARNING OUTCOMES

The graduate has reliably demonstrated the ability to:

1. Identify a large number of gemstones and gem materials and distinguish them from synthetics and imitations.
2. Use, maintain and handle gemmological instruments and testing equipment competently and safely.
3. Grade gemstones for quality based on their cut, colour and other physical characteristics, chemical composition and possible place of origin.
4. Grade diamonds based on their cut, clarity, colour and carat weight.
5. Apply the basic skills of jewellery appraisal to assess market value.
6. Contextualize jewellery according to historical and stylistic qualities to assess provenance, materials and method of production.
7. Conduct ethical and secure business practices consistent with jewellery business standards.

REQUIRED COURSES

SEMESTER 1

Code	Course Name
JEWL1005	Gemmology I
JEWL1077	Jewellery as an Industry
JEWL1072	Science for Gemmology
GHUM1023	History of Jewellery and Gemstones
COMM1007	College English

SEMESTER 2

Code	Course Name
JEWL1079	Gemmology II
JEWL1008	Diamond Grading
JEWL1006	Jewellery Appraisal

YOUR CAREER

Graduates of this program find employment in jewellery enterprises at manufacturing, wholesale and retail levels. With additional training and experience in the jewellery industry, some become jewellery appraisers. Many graduates, with additional study, write the Canadian Gemmological Association professional exams and the British Gemmological Association exams to obtain internationally recognized professional designations.



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

Basic computer literacy and skill level in Word and Excel are recommended.

** MATURE STUDENT STATUS (19 YEARS OF AGE OR OLDER AND NO OSSD)

Mature Students may take the Admissions Assessment for English³, OR may consider upgrading to achieve the credit (s) needed in English⁴.

Please note that George Brown is committed to ensuring that applicants will succeed in their program of choice. 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 Admissions⁵ page for more information.

SPECIAL REQUIREMENTS

Visual acuity and accurate colour rendition are essential traits for success in Gemmology.

CHEMICAL SAFETY DISCLOSURE

The Occupational Safety and Health Administration (OSHA) recommends the use of good laboratory practices while using or being exposed to refractive index (RI) liquid, which contains diiodomethane. You will use RI liquid when using a refractometer, which you will come in contact with directly or indirectly in various courses. You may need to exercise special precautions if you are pregnant, if you have certain medical conditions, and if you have sensitivity to, or are allergic to, this chemical. If you are unsure, contact your physician for advice.

FUTURE STUDY OPTIONS

Some credits may be considered for transfer to other Jewellery programs. Graduates with both Jewellery and Gemmology education have a significant advantage in the workplace.

EDUCATIONAL/DEGREE PATHWAY

Opportunities to receive transfer credits toward further study to attain a degree in Jewellery and Gemmology are available.

ADMISSION REQUIREMENTS

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



"The George Brown College Gemmology program gave me the skills I needed to succeed in the ever-changing field of jewellery, diamonds, and gemstones. While helping to develop the technical skills required to work and succeed in this field, the faculty also helped me to develop meaningful connections with those already working in the industry. The networking skills learned at George Brown College have proven invaluable to me in my career thus far."

Michael Vander Eyken, FCGmA (Graduate 2016, Gemmology); Diamond & Jewellery Consultant, Kimberfire Inc.

CONTACT US

School of Fashion Studies

Phone: 416-415-5000, ext. 4840

Email: fashionstudies@georgebrown.ca

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

Our Jewellery programs⁶ are part of our School of Fashion Studies⁷ and classes take place at our Casa Loma Campus⁸, located at 160 Kendal Ave.⁹, Toronto, ON, Canada.

On-campus information sessions are available. Come and have your questions answered. Learn about the program content and career options, meet your friendly professors and staff, and experience what it is like to be in a George Brown College classroom. Sign up¹⁰ for an upcoming session.

Campus tours are offered on a regular basis. Sign up¹¹ today! You can also check out our virtual tour¹².

LINKS REFERENCE

¹[https://collegeapply.ontariocolleges.ca/?](https://collegeapply.ontariocolleges.ca/?collegeCode=GBTC&programCode=F105&lang=en)

[collegeCode=GBTC&programCode=F105&lang=en](https://collegeapply.ontariocolleges.ca/?collegeCode=GBTC&programCode=F105&lang=en)

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

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

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

⁵<http://www.georgebrown.ca/international/futurestudents/applynow/>

⁶<http://www.georgebrown.ca/fashionstudies/programs/jewellery/>

⁷<http://www.georgebrown.ca/fashionstudies/>

⁸<http://www.georgebrown.ca/campuses/casa-loma/>

⁹<https://www.google.com/maps/place/160+Kendal+Ave,+Toronto,+ON+M5R+1M3,+Canada/@43.6760363,-79.4130424,17z/data=!3m1!4b1!4m5!3m4!1s0x882b349c702f728d:0xbdd377adae546b30!8m2!3d43.6760363!4d-79.4108537>

¹⁰<http://www.georgebrown.ca/infosessions/arts-design-information-technology/>

¹¹<https://www.eventbrite.ca/e/casa-loma-campus-tour-registration-36232101190>

¹²<http://vt.georgebrown.ca/>

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.