

BASIC GEMMOLOGY

Online theoretical course

The Gem Identification course is part of the World Gem Foundation (WGF) Career Gemmologist program. This course can be taken as part of the Career Gemmologist international diploma, or for personal interest.



The course in detail:

Topics covered include:

- Geological formation and extraction
- Optical and physical properties
- Basic crystallography
- The use of tweezers, 10x loupe and microscope
- Light absorption and spectroscopy
- Reflexion, refraction of light and the refractometer
- Polarized light and polariscope
- Pleochroism, dichroscope and colour filters
- Specific gravity
- Luminescence
- Thermal conductivity
- Magnetism

Course educational support:

This course is available through distance education, with two options:

- 100% digital
- Printed material with access to the digital content.

Just like for its other courses and programs, the WGF offers you **exceptional benefits**:

- More flexible supports: whether you choose to take the theory courses online or on-site, you will have access to the digital content.
- All digital courses and content **updated every two years**.
- Access to the updated digital courses **guaranteed for life, and for free**.
- Internationally acclaimed gemstones photos in the course material.
- A concrete knowledge covering a very large part of the gem & jewellery industry that will help you during your whole career.

What makes the WGF course & programs unique:

- Stackable learning: Once this course has been completed, you can go on to the WGF **Career Gemmologist** and **Diamond Professional** Diplomas.
- All distance education courses and programs can be done at your own pace

2 hours of one-on-one tutoring sessions, online or in the EGM premises, are included in the online course. They can be scheduled depending on your availability and progress.

The tutoring sessions are tailored to meet each student's need and provide hands-on practice, by learning how to handle gem with care using tweezers, how to examine gems, how to identify roughs, how to use gemmology instruments efficiently...

WGF Curriculum:

To earn the Career Gemmologist Diploma, students must complete all courses and workshops listed below, in their logical order of completion. This sequence has been implemented to maximise your comprehension of key concepts and course objectives. Each course must be completed before moving on to the next.

Theoretical courses are offered online and all practical workshops are taught on-site.

Diplomas Theory Courses (C) Practical Workshops (W)	Onsite workshops - Next sessions	Prerequisites	Tuition (online theoretical courses)		Tuition (online theoretical courses + printed material)		On-site courses tuition	
			Before tax	Tax Included	Before tax	Tax Included	Before tax	Tax Included
Career Gemmologist Diploma	Online access + On-site: 03/28/2022 to 05/11/2022	All courses	9,890	11 371,03	10 410	11 968,90	---	---
Diamond Professional Diploma (included into Career Gemmologist)	04/25/2022 to 05/11/2022	= C5 + A6 + FE	3,420	3 932,15	3 505	4 029,87	3 880	4 461,03
C1 – Basic Gemmology	Online	---	305	350,67	390	448,40	---	---
C2 - Coloured Gemstones	Online	C1	745	856,56	900	1 034,78	---	---
C3 - Advanced Gemmology	Online	C1, C2	610	701,35	720	827,82	---	---
C4 – Gem Identification	Online	C1, C2, C3	340	390,92	425	488,64	---	---
C5 - Diamonds	04/25/2022 to 04/29/2022	---	340	390,92	425	488,64	800	919,80
W1 - Gem Identification 1	03/28/2022 to 04/01/2022	C1, C2, C3, C4	---	---	---	---	745	856,56
W2 - Gem Identification 2	04/04/2022 to 04/08/2022	W1	---	---	---	---	745	856,56
W3 - Lab-created and Treated Gems	04/11/2022 to 04/16/2022	W2	---	---	---	---	745	856,56
W4 - Coloured Gemstones Grading 1	04/19/2022 to 04/23/2022	C1, C2, C3, C4	---	---	---	---	745	856,56
W5 - Coloured Gemstones Grading 2	Online	C1, C2	1 490	1 713,13	---	---	---	---
W6 - Diamond Grading and Lab-created Diamonds	05/02/2022 to 05/11/2022	C5	---	---	---	---	2 700	3 104,33
FE – Final exam	In the end	---	---	---	---	---	380	436,91

Graduation policies:

The **Basic Gemmology** course includes 2 online exams (one after the fifth lesson and one after the tenth). The results will be available right away. The passing score is 70%, upon which the student will be awarded a certificate of achievement. If a student did not achieve a passing score on the first attempt, a resit will be granted free of charge.

Tuitions and registration:

Register online, by mail, by phone at 514 844-0024, or at the EGM (please book an appointment).

Price:

- 305 CAD before tax (i.e. 350.67 including tax) using the 100% digital version (2 hours of tutoring sessions included)
- 305 CAD before tax (i.e. 350.67 using the digital version with additional printed material (2 hours of tutoring sessions and shipping fees included)

Accepted payment methods include Interac transfer, credit card, Paypal, check.

Please note that the courses and programs require gemmological equipment (including: 10x loupe, tweezers, polariscope, dichroscope, spectroscope, refractometer...) to study in optimum conditions. The EGM offers gemmology kits as well as a gem sets to help distance education students get started!

Cancellation and refund policies:

If the applicant cancels before the access code are sent to the applicant, the course will be refunded.

Once the access codes are sent to the applicant, it is impossible for us to refund the theoretical course tuition fee: the access codes grant a lifetime access to the entire course.

Why should you choose EGM

With over 25 years of experience, EGM has been training future gemmologists and diamond professionals, sharing its values, ethics and pursuit of excellence in an inclusive and student-oriented environment. EGM offers internationally recognized diplomas and classes can be taught both in English and French. All classes are spacious and professionally equipped, with one dedicated workstation for each student. Students

have access to all classrooms, instruments, specialized and academic literature, as well as the EGM gem collection at any time during office hours, to study and practice.

All classes, with some rare exceptions, are held by two instructors, featuring visual aids and hands-on practice, learning how to examine and identify gemstones and how to use professional instruments efficiently. The entire program is taught in small classes only, to provide the best support for each student. The EGM also has an extensive network of professionals, to help you find your first work experience in the gem and jewellery industry or reliable contacts to start your professional life in this industry.

As part of the iGEM (Institut de Gemmologie de Montréal), the EGM offers the latest updates in treatments, imitations and lab-grown gems to its students, as well as an insight on the work of lab gemmologist and appraisers with the iGEM's gem and jewellery appraisal centre.

We are constantly evolving and developing new programs and workshops to help every future professionals find their specialization but also to share our passion and expertise to a broader audience.

