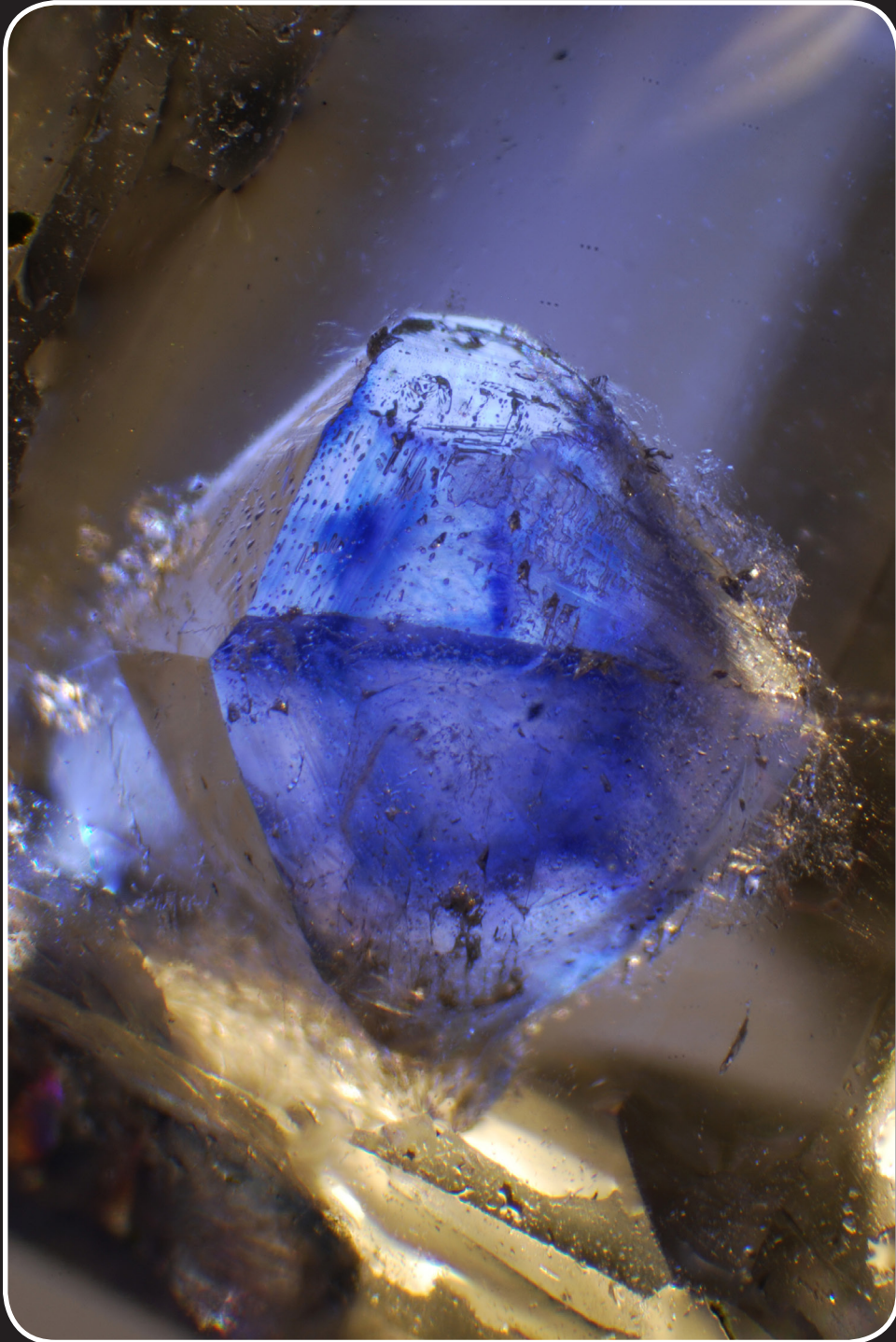


WORLD GEM FOUNDATION

A comprehensive gemmological program for
tomorrow's gemmologists



Course Brochure
2024

WELCOME TO THE WORLD GEM FOUNDATION



The World Gem Foundation is a not-for-profit organization that was formed in 2015 with the mandate to provide quality and affordable gemmological training to students, jewellers and professional gemmologists.

Currently consisting of seventeen national and regional gem academies in the United Kingdom, Holland, the U.S, Canada, Spain, Belgium, France/Monaco/Switzerland, Scandinavia (Norway, Sweden, Finland, Denmark and Iceland), Eastern Europe (Bulgaria, Croatia, Czech Republic, Hungary, Macedonia, Poland, Republic of Kosovo, Republic of Moldova, Romania, Russia, Serbia, Slovak Republic and Slovenia), East Africa (Burundi, Comoros, Djibouti, Eritrea, Ethiopia, French Southern and Antarctic Lands, Kenya, Madagascar, Malawi, Mauritius, Mayotte, Mozambique, Réunion, Rwanda, Seychelles, Somalia, Somaliland, Southern Sudan, Tanzania, Uganda, Zambia, Zimbabwe), South Central Africa (Angola, Cameroon, Central African Republic, Chad, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Republic of the Congo, Sao Tome and Principe, Botswana, Eswatini, Lesotho, Namibia, South Africa), West Africa (Ascension, Benin, Burkina Faso, Cape Verde, Ghana, Guinea, Guinea-Bissau, Ivory Coast, Liberia, Mali, Mauritania, Niger, Nigeria, Saint Helena, Senegal, Sierra Leone, The Gambia, Togo, Tristan da Cunha), Central America (Mexico, Guatemala, Honduras, Nicaragua, El Salvador, Costa Rica; Belize and Panama), South America (Brazil, Argentina, Bolivia, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, Venezuela, Guyana and Suriname), the Caribbean (Aruba, Bahamas, Barbados, Belize, Cayman Islands (U.K.), Cuba, Puerto Rico, Curaçao (Netherlands), Dominican Republic, Guyana, Haiti, Jamaica, Antigua and Barbuda, Dominica, Grenada, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Sint Maarten, Suriname, Trinidad and Tobago and Turks and Caicos), Sri Lanka and India. We plan to establish more academies around the world in 2022. All working for each other, sharing ideas and making a difference in the lives of their students.

To me, there is no nobler profession than teaching. The World Gem Foundation and our affiliated gem academies are giving talented and enthusiastic people the necessary tools they need to succeed, to forge a career within a truly fascinating and vibrant industry, hopefully providing a livelihood for themselves and their families for many years to come. Thank you for taking the first step.....

Geoff Dominy - Founder



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Gemmology - A Visual Science

The allure of gemstones can be very powerful indeed, not only capturing our imagination but unleashing an unbridled passion that for some will last a lifetime. Throughout history, they have symbolized power and wealth, been prized for their beauty, and revered for their healing and magical powers.

For many however it is not only the outer beauty of a gemstone that captivates them but their inner beauty as well. Dating back millions and millions of years, these tiny time capsules not only provide us with important data that may reveal the extraordinary conditions in which they were formed but delight us with an internal world of intricately woven tapestries that few could even begin to imagine.

The science of gemmology is still relatively young, an offshoot of geology and mineralogy; it deals specifically with minerals, rocks and organic materials that possess certain key attributes allowing them to be categorized as gemstones.

This collective term encompasses ornamental stones that not only possess beauty, rarity and durability but also stones where there is a certain level of demand, traditional or cultural significance and of course portability.

Without question gemmology is a visual science, one that abounds in the beauty and splendour of nature and one that from a course development perspective demands photographs of the finest quality. This is why throughout our courses you will find the award winning photography of two iconic gemstone and mineral photographers; Tino Hammid and Jeff Scovil, who through their unique talents have managed to capture and reproduce on film the beauty of the gemstones and minerals they have photographed for us all to enjoy.

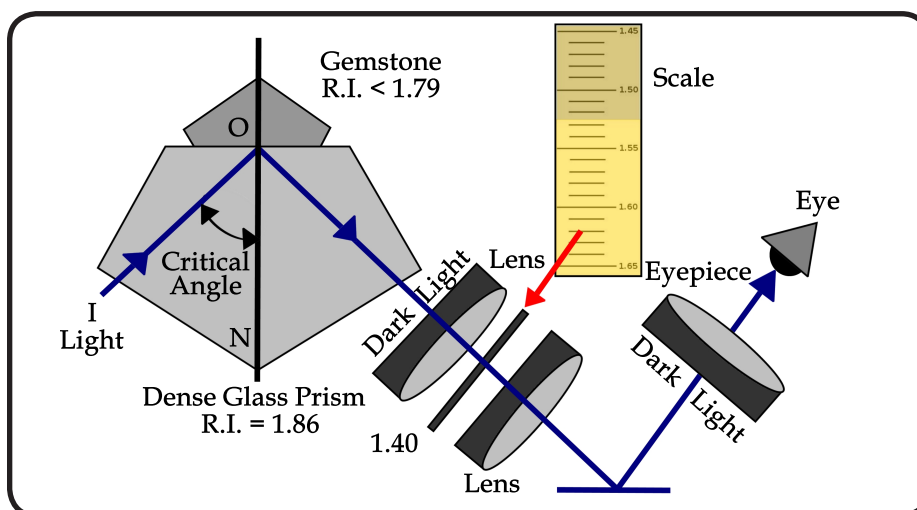
You will also find hundreds of diagrams and illustrations designed to explain the various scientific concepts, the gemmological instruments used by gemmologists, and the scientific principles they are based upon.



Burmese Blue Sapphire & Diamond Ring
by Tino Hammid



Australian Black Opal Ring
by Jeff Scovil



The Principle of the Refractometer - the Critical Angle of Total Internal Reflection

While we do not want to take the 'science' out of gemmology, we do believe that the various scientific concepts can be explained in a language that is more easily understandable. This is precisely why many of our course editors had no gemmological backgrounds. We felt that if they could understand the various principles, a student without any prior scientific background, would also be able to grasp the concepts.

WGF Courses & Programs

Whether you specialise in diamonds or coloured gemstones, wish to become a fully-fledged gemmologist or simply have an interest and fascination with gemstones and the science of gemmology, our courses are designed to give you the essential tools you need to succeed.

We currently offer three diploma programs; Career Gemmologist, Diamond Professional and Coloured Gemstone Professional, nine theory courses (Career Gemmology, Basic Gemmology, Advanced Gemmology, Gem Identification, Diamonds, Coloured Gemstones, Rubies, Sapphires & Emeralds, Opals & Jade and Organic Gems), five practical workshops (Gem Identification #1, Gem Identification #2, Diamond Grading and Lab-created Diamonds, Coloured Gemstone Grading #1 and Lab-created and Treated Gems) and a 60 hour Coloured Gemstone Grading #2 online course.

All of our courses (with the exception of Advanced Gemmology and our two Gem Identification practical workshops) do not require prerequisites. You can pick and choose the courses that interest you the most; all within a flexible study schedule that allows you to start and finish when you want.

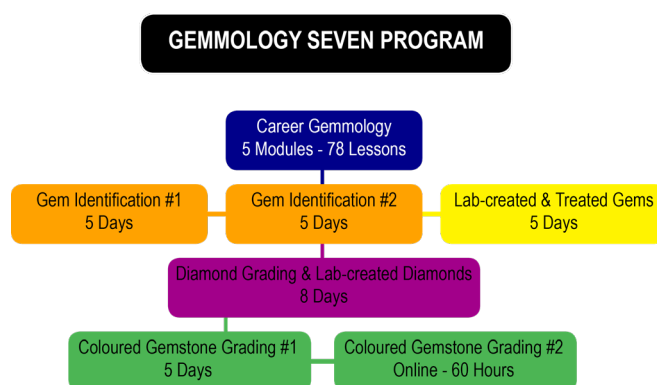
We offer our courses in English, French and Spanish.

Career Gemmologist Diploma Program

For students wishing to pursue a career in gemmology, our 'Career Gemmologist' program has been especially designed to give you the knowledge and experience required to work as a professional gemmologist. The World Gem Foundation and our affiliated gem academies offer you two options to earn your Career Gemmologist Diploma with our Gemmology Seven/Eleven programs.

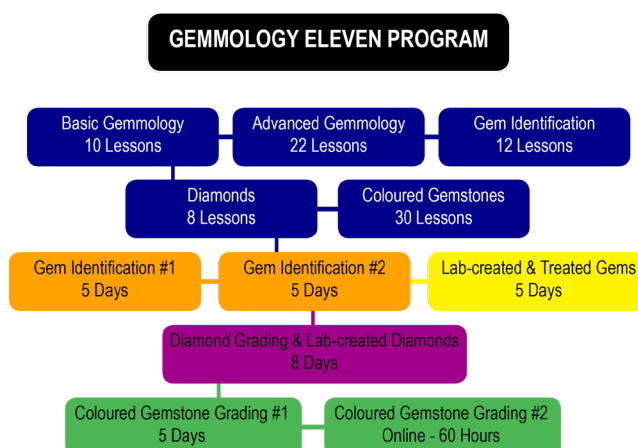
Gemmology Seven

This option allows you to complete the entire theoretical requirements by enrolling in our Career Gemmology course (5 modules - 78 lessons) and completing the five practical workshops (Gem Identification #1, Gem Identification #2, Diamond Grading and Lab-created Diamonds, Coloured Gemstone Grading #1 and Lab-created and Treated Gems) and our 60 hour online Coloured Gemstone Grading #2 course.



Gemmology Eleven

With this option, you can complete the theoretical requirements by taking the five core theory courses (Basic Gemmology, Advanced Gemmology, Gem Identification, Diamonds and Coloured Gemstones) that make up the Career Gemmology course plus the five practical workshops and our 60 hour online Coloured Gemstone Grading #2 course.



Diamond Professional Diploma Program

If you specialise in diamonds, our 'Diamond Professional' diploma program has been designed to teach you everything you need to know about diamonds including how they are identified, graded and separated from their lab-created counterparts.

The program consists of our theoretical Diamonds course plus our eight-day diamond grading and lab-created practical workshop where you will not only learn how to colour and clarity grade diamonds but also how to estimate the table %, the crown angle, the pavilion depth %, the girdle thickness, polish/symmetry and how to plot inclusions.

Coloured Gemstone Professional Diploma Program

If you specialise in coloured gemstones, our 'Coloured Gemstone Professional' diploma program has been designed to teach you everything you need to know about coloured gemstones including how they are identified, graded, treated and separated from their lab-created counterparts.

The program consists of four theoretical courses (Basic Gemmology, Advanced Gemmology, Gem Identification & Coloured Gemstones) plus four practical workshops (Gem Identification #1, Gem Identification #2, Coloured Gemstone Grading #1, Lab-created and Treated Gems) and our 60 hour online Coloured Gemstone Grading #2 course.

Program Credits

Students taking either our Diamond Professional or Coloured Gemstone Professional diploma programs may upgrade at any time to our Career Gemmologist diploma program by taking the required theoretical courses and practical workshops.

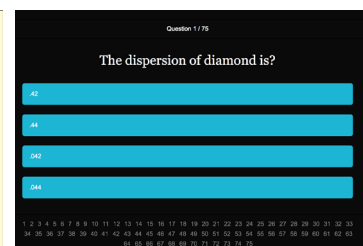
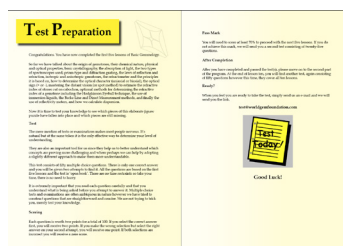
Each course includes:

Comprehensive Course Notes

Lesson Reviews

Test Preparations

Online Accessible Tests



How would you like to study - Digital or Print?

While we firmly believe that the digital format offers a far more exciting and interactive format, we also acknowledge that many students prefer to receive their course materials in a printed format. All of our courses are therefore available in print, as a digital free-standing e-course or online.

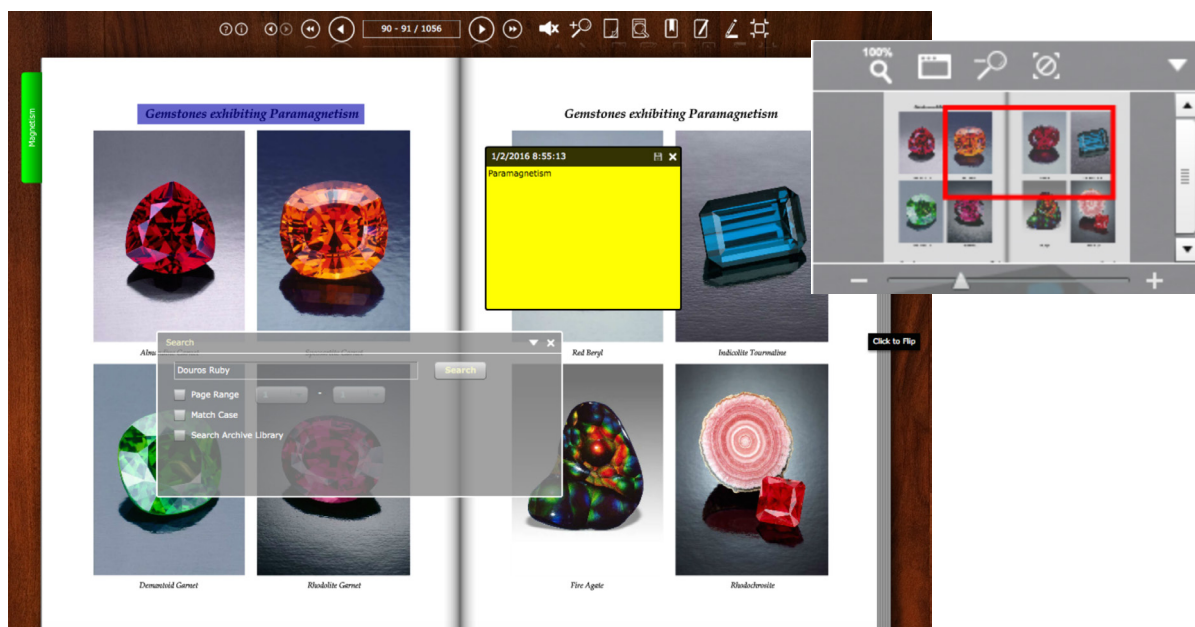
If you decide to receive your course in a printed format, we will also send you the digital access codes so that you can start studying immediately while you wait for your course materials to arrive.

Digital E-Course Features

Available in four different file formats (Mac, Windows, iPad/iPhone and a non-printable PDF that be viewed on a Mac, Windows PC or Android), this option provides a free-standing version of the courses that once downloaded do not require online access.

Mac and Windows Users

For Mac and Windows users, the e-courses use the latest 'Flipping Book' and HTML5 technology. This gives the e-course the look and feel of a printed course but with the added convenience of a powerful search engine, post-it notes, colour coded bookmarks, highlighting, hyperlinked table of contents, zoom in/zoom out capabilities and thumbnail images. No additional software is needed.



For iPad/iPhone and Android Users

The courses are also available in the ePub file format for iPads & iPhones and as a PDF for android users. These files must be downloaded to your computer first and then synced to your device using either iTunes, iBooks or your android content file transfer program.

Online Courses

Our courses are also accessible online and use the same flipping book software and features as our digital e-courses. For iPad/iPhone users, the software has been specifically designed in HTML 5 so that they can be viewed without Adobe Flash Player.

Online Tutoring

While clearly the ideal way to learn a particular subject is with one-on-one tutoring, we appreciate that this is difficult when you enrol in a long distance study program.

Fortunately, new distance learning technologies are changing. Now teachers can connect with their students virtually using a variety of virtual tutoring tools, such as Skype.

The chart below outlines the number of online tutoring hours that are included in your course price. If you require more online instructional tutoring, please contact your education coordinator to discuss availability and pricing.

Online Tutoring	
Course Name	Hours
Basic Gemmology - Theory	2
Advanced Gemmology - Theory	4
Gem Identification - Theory	2
Diamonds - Theory	2
Coloured Gemstones - Theory	5
Career Gemmology - Theory	14

Course Updates

At the World Gem Foundation, we update and revise all our course materials every two years. With our 'Once a Student, always a Student' policy, every World Gem Foundation registered student receives lifetime access to their student page. So every time we update our courses, they get the latest version free of charge. Why? Because at the World Gem Foundation, we believe you should never stop learning.

Career Gemmologist Diploma Program

Career Gemmology Seven

Digital Fees

Course Name	Euros	Pounds Sterling	USD
Career Gemmology (Theory)	1400	1250	1600
Gem Identification #1	500	450	550
Gem Identification #2	500	450	550
Coloured Gemstone Grading #1	500	450	550
Coloured Gemstone Grading #2	1000	900	1150
Diamond Grading/Lab-created Diamonds	1750	1575	2000
Lab-created & Treated Gems	500	450	550
Examinations Fees (Final Exam)	250	225	280
Total Cost	6400	5750	7230

Career Gemmology Eleven

Digital Fees

Course Name	Euros	Pounds Sterling	USD
Basic Gemmology (Theory)	200	180	225
Advanced Gemmology (Theory)	400	360	450
Gem Identification (Theory)	225	200	250
Diamonds (Theory)	225	200	250
Coloured Gemstones (Theory)	500	450	550
Gem Identification #1	500	450	550
Gem Identification #2	500	450	550
Coloured Gemstone Grading #1	500	450	550
Coloured Gemstone Grading #2	1000	900	1150
Diamond Grading/Lab-created Diamonds	1750	1575	2000
Lab-created & Treated Gems	500	450	550
Examinations Fees (Final Exam)	250	225	280
Total Cost	6550	5890	7355

Diamond Professional Diploma Program

Course Name	Digital Fees		
	Euros	Pounds Sterling	USD
Diamonds (Theory)	225	200	250
Diamond Grading/Lab-created Diamonds	1750	1575	2000
Examinations Fees (Final Exam)	250	225	280
Total Cost	2225	2000	2530

Coloured Gemstone Professional Diploma Program

Course Name	Digital Fees		
	Euros	Pounds Sterling	USD
Basic Gemmology (Theory)	200	180	225
Advanced Gemmology (Theory)	400	360	450
Gem Identification (Theory)	225	200	250
Coloured Gemstones (Theory)	500	450	550
Gem Identification #1	500	450	550
Gem Identification #2	500	450	550
Coloured Gemstone Grading #1	500	450	550
Coloured Gemstone Grading #2	1000	900	1150
Lab-created & Treated Gems	500	450	550
Examinations Fees (Final Exam)	250	225	280
Total Cost	4575	4115	5105

Individual Theory Courses

Course Name	Digital Fees		
	Euros	Pounds Sterling	USD
Basic Gemmology *	200	180	225
Advanced Gemmology *	400	360	450
Gem Identification *	225	200	250
Diamonds *	225	200	250
Coloured Gemstones *	500	450	550
Career Gemmology *	1400	1250	1600
Rubies, Sapphires & Emeralds	95	85	105
Opals & Jade	75	65	85
Organic Gems	50	45	55

All courses are now available in English, Spanish and French

* Available in Print

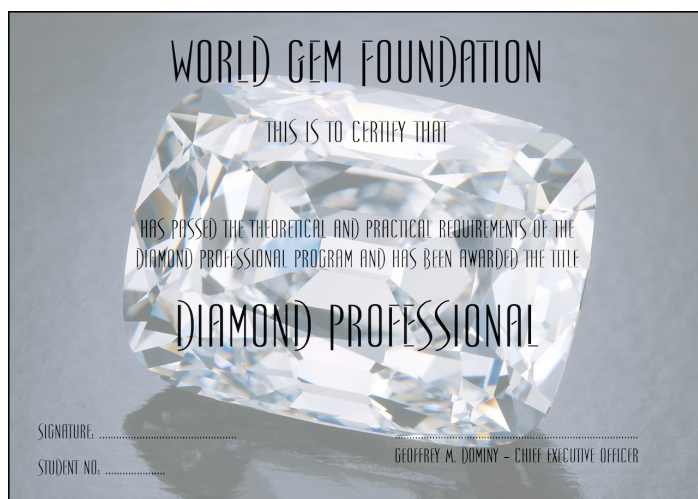
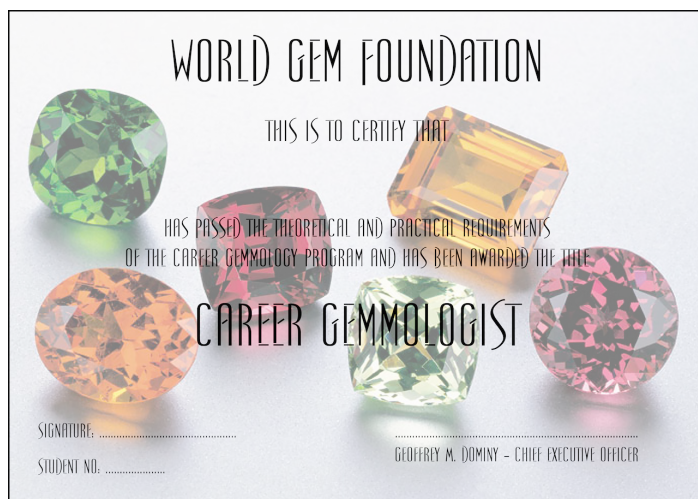
Practical Workshops

Course Name	Euros	Pounds Sterling	USD
Gem Identification #1	500	450	550
Gem Identification #2	500	450	550
Coloured Gemstone Grading #1	500	450	550
Coloured Gemstone Grading #2 (Online)	1000	900	1150
Diamond Grading/Lab-created Diamonds	1750	1575	2000
Lab-created & Treated Gems	500	450	550

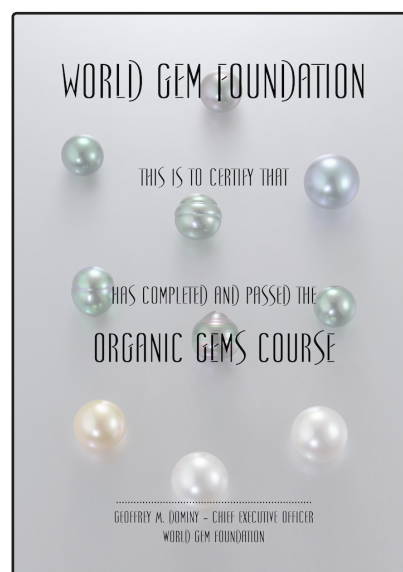
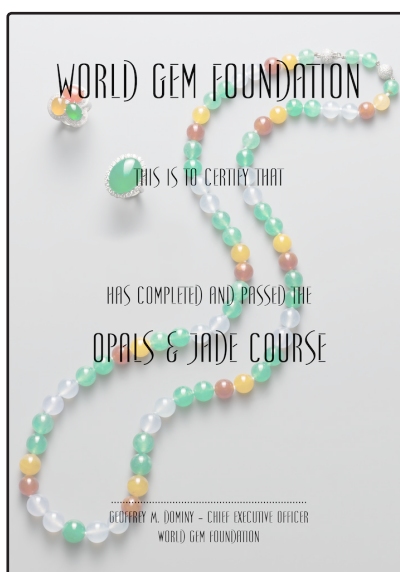
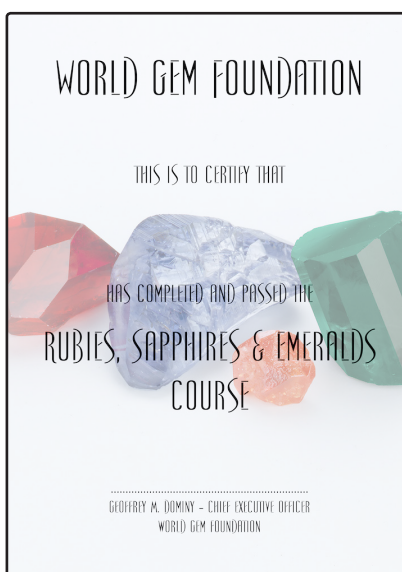
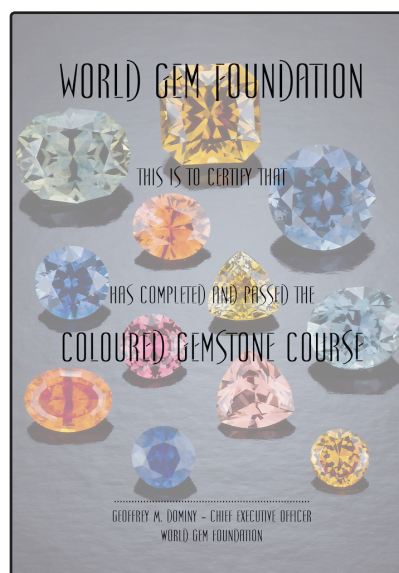
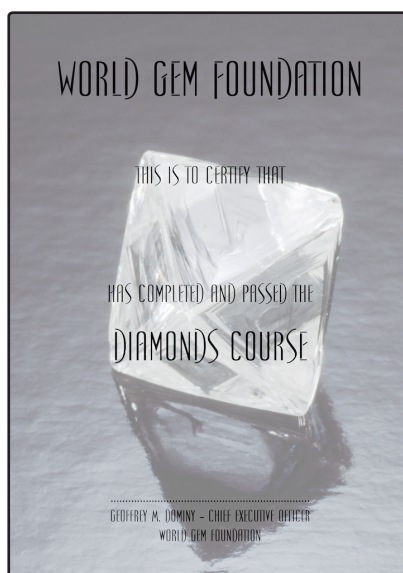
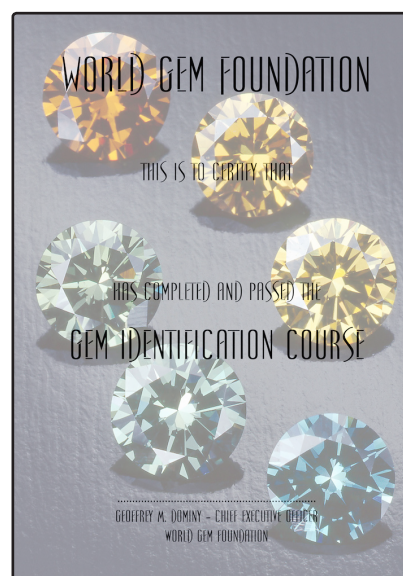
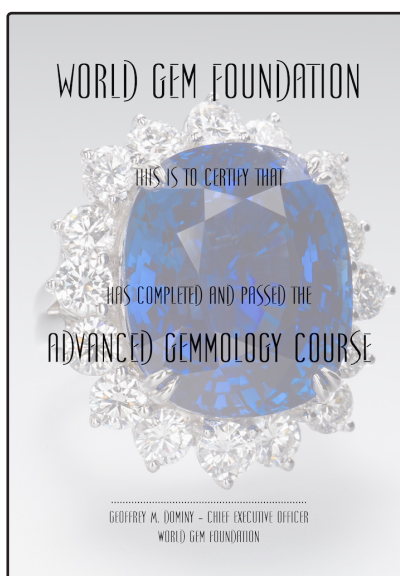
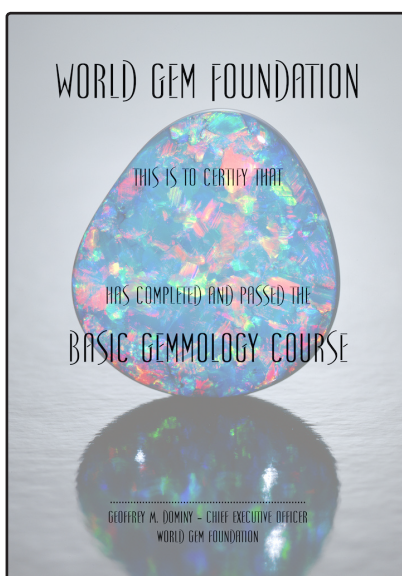
For students who wish to order their courses in print, a pro-forma invoice (including shipping costs) will be issued upon receipt of the completed course application form.

Course fees charged by each gem academy are based on the prevalent currency used in that area.

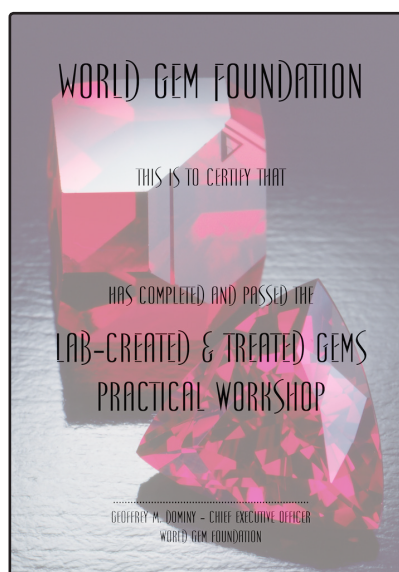
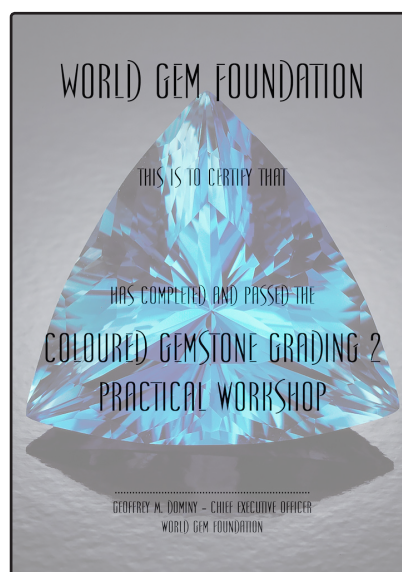
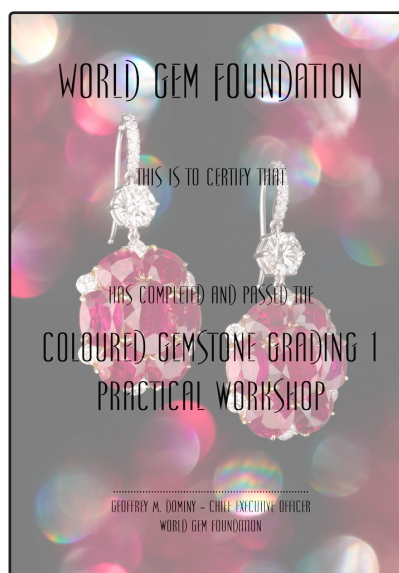
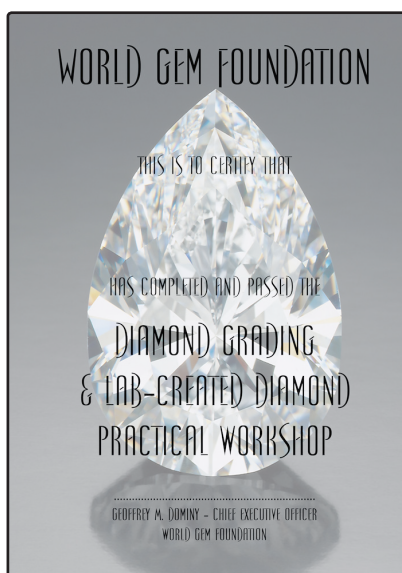
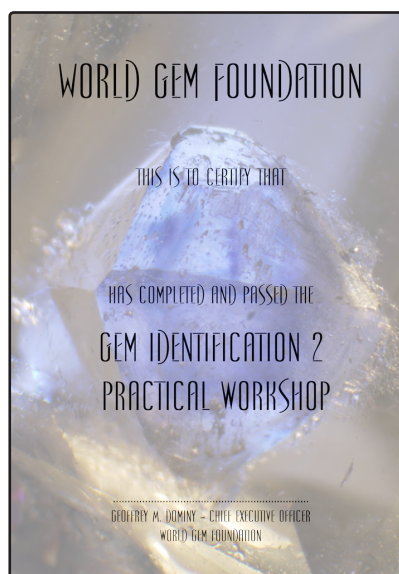
Diplomas



Letters of Completion - Theory Courses



Letters of Completion - Practical Workshops



Academy Directory & Course Enrolment

Students wishing to take any of the World Gem Foundation courses can contact the Gem Academies directly. If you do not reside in one of the countries or regions listed below, please contact us at information@worldgemfoundation.com

Academy Name	Website Portal	E-mail Addresses
American	www.worldgemfoundation.com/aga	aga@worldgemfoundation.com
Belgian	www.worldgemfoundation.com/gab	infogembelgium@egmtl.com wilma@worldgemfoundation.com
British	www.worldgemfoundation.com/bga	bga@worldgemfoundation.com
Canadian	www.worldgemfoundation.com/gac	infogemcanada@egmtl.com
Caribbean	www.worldgemfoundation.com/cbga	cbga@worldgemfoundation.com
Central American	www.worldgemfoundation.com/caga	caga@worldgemfoundation.com
Dutch	www.worldgemfoundation.com/dga	dga@worldgemfoundation.com
Eastern Europe / Russia	www.worldgemfoundation.com/eega	ninagold@worldgemfoundation.com
East African	www.worldgemfoundation.com/eaga	eaga@worldgemfoundation.com
French-Swiss	www.worldgemfoundation.com/fsga	fsga@agat-gemology.com
Indian	www.worldgemfoundation.com/iga	iga@worldgemfoundation.com
Scandinavian	www.worldgemfoundation.com/scga	scga@worldgemfoundation.com
South American	www.worldgemfoundation.com/saga	saga@worldgemfoundation.com
South Central African	www.worldgemfoundation.com/scaga	scaga@worldgemfoundation.com
Sri Lanka	www.worldgemfoundation.com/slga	slga@worldgemfoundation.com
Spanish	www.worldgemfoundation.com/sga	sga@worldgemfoundation.com
West African	www.worldgemfoundation.com/waga	waga@worldgemfoundation.com

Practical Workshops

Gemstone Identification #1 (5 Days)

This workshop covers the identification of red, pink, orange, yellow and green gemstones plus a section on crystallography.

Prerequisites: World Gem Foundation Gem Identification (Theory) or equivalent

Gemstone Identification #2 (5 Days)

This workshop covers the identification of blue, violet/purple, brown, black and phenomenal/unusual stones.

Prerequisites: World Gem Foundation Gem Identification #1 (Practical)

Coloured Gemstone Grading #1 (5 Days)

This workshop includes practical instruction on how to access the hue, tone and saturation of coloured gemstones and how to grade pearls, jadeite and opals. During this practical class three colour grading systems; GIA, GemDialogue and World of Color will be discussed.

Prerequisites: None

Coloured Gemstone Grading #2 (40 Hours Online)

This online coloured gemstone course consists of a comprehensive overview of the GemWizard and ColourWise Colour Grading Systems and includes practical exercises that are completed online, glass study samples and a lifetime subscription to ColourWise.

Prerequisites: None

Diamond Grading & Lab-created Diamonds (8 Days)

This workshop includes practical instruction on how to clarity and colour grade diamonds, techniques to determine table percentage, crown angle, girdle thickness and pavilion depth percentage, how to access polish and symmetry and the identification of lab-created and treated diamonds.

Prerequisites: None

Lab-created and Treated Gemstones (5 Days)

This workshop focuses on coloured gemstones produced synthetically or treated to improve their appearance.

Prerequisites: World Gem Foundation Advanced Gemmology (Theory) or equivalent

