

### C.I.G. Professional Development (AG-PDP)

The Canadian Institute of Gemmology is offering a self-guided study program leading to the A.G. (C.I.G.)® diploma for students who have completed a gemmology program with another institution..

Upon successful completion of the AG-PDP credits and fulfillment of other requirements (such as submission of a scientific paper and payment of an annual license fee) graduates are entitled to use the international recognized designation Accredited Gemmologist (C.I.G.)®.

### Entrance Requirements

"Fine Jewellery Expert (C.I.G.)", F.G.A. or equivalent from other institutions; foreign candidates may apply but must enter Canada under a visitor's visa. An entrance test may be required if credentials were obtained before 2003.

### Course Assessment and Pre-Requisites

Candidates must present credentials for courses obtained from other institutions similar to the following:

- GEM 210 Diamond Grading
- GEM 220 Advanced Gemmology (optional)
- GEM 230 Gem Colour Grading
- GEM 250 Gem Identification II

*For GEM 250 it is recommended that students have basic gem testing equipment at their disposal to complete individual projects at home or at their work place including the use of UV- VIS - NIR spectrometers.*

*A five-day practical workshop has to be completed at the end of the program.*

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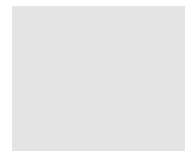
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**Gemmology is the science about gemstones.**

Gemstones have intrigued mankind since early times in history. Today new challenges have to be met by the professional gemmologist in detecting synthetic gem materials, colour enhanced and simulated gemstones.

A gemmologist uses testing equipment such as refractometer, spectroscope, microscope and advanced spectrometers, etc. to identify the nature of gemstones. They confidently evaluate precious stones and jewellery and prepare special identification and appraisal reports.





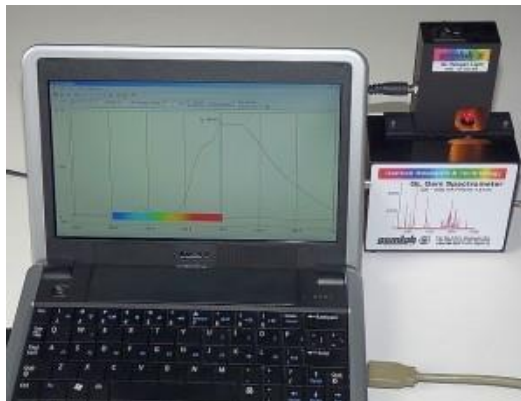
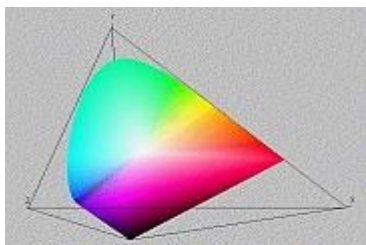
## GEM 220 ADVANCED GEMMOLOGY

Course Type: Correspondence only (optional)

Prerequisite: Fine Jewellery Expert (C.I.G.) and GEM 210

**Fee: \$ 595** includes all study materials and exam fee (for written test leading to "Gemmologist" designation; completion of GEM 230 required).

This comprehensive correspondence course reviews the aspects of theoretical and descriptive gemmology and contains 18 lessons with multiple-choice and essay-type questionnaires. It is the prerequisite for course 250 Gem Identification II (Advanced) and also provides the scientific background necessary for the advanced diploma courses.



## Professional Development Program (CIG-AG-PDP)

### GEM 210 DIAMOND GRADING

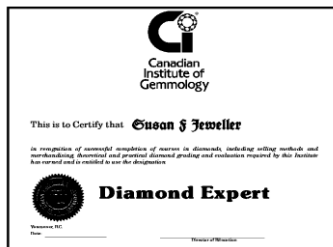
Theoretical and Practical Course

Course Type: Combination of correspondence and grading workshop during one-week practical classes in selected cities.

Prerequisite: Course GEM 130

**Fee: \$ 1,495** includes home study lessons (must be completed prior to practical class), grading projects with actual diamonds, study materials and exam fee (no HST) but does not include the textbook "Diamond Grading ABC: Handbook of Diamond Grading" by Pagel-Theisen, 2007 (price \$ 90)

In ten (10) assignments you learn the basic knowledge to buy, sell and evaluate diamonds effectively. In five (5) practical sessions you grade diamonds for clarity, colour and cut (according to GIA and European (CIBJO) grading standards) including performance and device based approaches such as AGS (American Gem Society) ASET, Hearts & Arrows (Ideal Scope), Cut Advisor and others. Special procedures for assessing the quality of mounted diamonds will be shown.



### GEM 230 COLOUR GEM GRADING

Course Type: Correspondence Course.

Prerequisite: F.J.E. (C.I.G.), GEM 210 and 220 or equivalent

**Fee: \$ 695** includes 10 correspondence lessons, practical grading project (available as home-study kit), colour charts, appraisal guide-lines and the required text: The Ruby, Sapphire and Emerald Buying Guide.

Appraisers, buyers and sellers of colour gems will learn what causes colour in gemstones and how to describe and evaluate them. In the practical class several commercially available colour grading systems will be used.

Colour Gem Grading (C.I.G.) certificate after written and practical exam. Colour vision test provided.

### GEM 250 GEM IDENTIFICATION II

Course Type: Four-day practical class in major cities.

Prerequisite: "Gemmologist" certificate or similar gemmological qualification.

**Fee: \$ 1,495** (\$ 200 exam fee for A.G. diploma not included); comprehensive study guide, Gemstone Inclusion Library, use of lab equipment and study stones. Recommended optional text: Handbook of Gem Identification by Liddicoat (12th ed.)

In this course students will learn state-of-the-art techniques including immersion-scope, konoscope, etc. designed to identify confidently any gemstone encountered in the industry. Between 100 and 120 challenging gems including the most recent man-made gems are available for testing.

A brief list of our study collection: Chatham, Kashan, Ramaura, Knischka, Lechleitner, Regency, Biron, Lenix, Gilson, Tairus rubies, sapphires, emeralds, alexandrite, opal and many others. Gem enhancement techniques such as heat-alteration, surface colour diffusion, irradiation and glass filling are studied.

Hands-on exercises with our in-house developed GL Gem Spectrometer and GL Gem Raman system. Practicing gemmologists may use this lab class to up-grade their identification skills.

*The Accredited Gemmologist (C.I.G.)<sup>®</sup> designation is a registered certification mark (Registration # TMA430,739 Canadian Intellectual Property Office) of C.I.G. – Canadian Institute of Gemmology (I.C.G. – Institut Canadien de Gemmologie) – a nonprofit institution incorporated with Letters Patent, dated September 28, 1990 under the Canada Corporations Act.*