



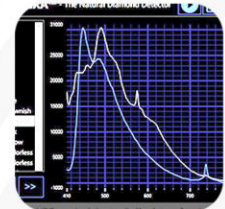
BRANKOGEMS ONLINE ACADEMY

BASIC TO SCIENTIFIC PROGRAMS

REASONS WHY YOU SHOULD PARTICIPATE IN BRANKOGEMS ACADEMY COURSES ON DIAMONDS AND GEMS (BASIC – INTERMEDIATE – ADVANCED - SCIENTIFIC LEVELS) OVER OTHER SCHOOLS:

- ✓ Most information is ORIGINAL RESEARCH on diamonds and gems that are integrated into our educational programs, not compiled from websites or research papers from other sources.
- ✓ FULL ACCESS: Small classes of 5-15 students where you can interact with our experienced instructors, ask questions, and follow up by email/phone.
- ✓ Access to new and original INSTRUMENTS & BOOKS (at 10% discount prices) and practical workshops with research samples showing all characteristics needed to understand concepts of grading, identification, and origins of gems and diamonds.
- ✓ LAB INSTRUCTORS who are passionate about sharing their knowledge and helping you develop into a professional gemologist. Our four instructors have worked at 8 different international gem labs and have 100 years of combined experience.

1. Branko Deljanin, Canada (top diamond expert, colored, treated and laboratory-grown and gems)
2. Dr Lore Kiefert, Germany (top gem expert, origin of gems, treatments, and country of origins)
3. Elena Deljanin, Canada (rough diamonds)
4. Randy Lightfoot, USA (polished gems and diamonds)
5. Guest Lecturers: Dr Alan Colins, UK, Dr Alexander Zaitsev, USA, Dusan Simic, USA, John Chapman, Australia, Mikko Astrom, Finland, Dr Thomas Hainschwang, Switzerland, Dr Taijin Lu, China, Dr Viktor Vins, Russia (world's top diamond researchers and university professors) and Joe Lowry, USA (turquoise expert).



For instructors of "Gemmological Research Industries Inc" bios and published appears visit <https://www.brankogems.com/profiles>



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DATES	NAME OF PROGRAM (LEVEL)	SHORT DESCRIPTION	INSTRUCTORS/LECTURERS	PROGRAM AIMS
MAR. 10 – JUN. 9, 2023	INTRODUCTION TO GEMS AND TESTING (BASIC TO INTERMEDIATE)	Students do not require prior knowledge of gemmology. Basic program will introduce students to the amazing world of gemmology and the beautiful gems. Properties of natural and synthetic gems will be discussed and key identification features presented.	BRANKO DELJANIN RANDY LIGHTFOOT JOE LOWRY	Students can learn how to use standard gem instruments in identification of gem varieties, and recognize different qualities. Beside common gems Pearls and Jade are covered and extra testing to separate their treatments explained.
SEP. 15 – DEC. 8, 2023	ID AND TREATMENTS OF COMMON GEMS (INTERMEDIATE TO ADVANCED)	Many common gemstones such as garnet, tanzanite, spinel, beryl, chrysoberyl, tourmaline, topaz are discussed. For these, a simple identification is often enough, but the webinars will also concentrate on treatment detection and where origin determination is possible.	DR LORE KIEFERT	Participants should have basic understanding and experience with standard gemological instruments and their use. They will learn how to test these gems thoroughly and learn how basic instruments can be used in various ways.
JAN. 12 – APR. 12, 2024	ORIGIN OF EMERALD, SAPPHIRE AND RUBY (ADVANCED TO SCIENTIFIC)	The most important emerald, ruby and sapphire treatments and origins are discussed, and it will be shown how standard equipment including microscopy can help. Typical inclusions are shown, and results of advanced testing is given. Possibilities and limitations for the various methods are discussed.	DR LORE KIEFERT	Participants will gain a solid understanding of the types of treatments in these gems, and how far they can go with origin determination. Basic gemological tools, methods of how to get the best result in the microscope, and advanced methods are demonstrated.
MAR. 17 – JUN. 16, 2023	INTRODUCTION TO DIAMONDS AND TESTING (BASIC TO INTERMEDIATE)	Description and grading of rough diamonds are covered. 4Cs of polished diamonds are discussed: Carat Weight, Cut, Colour and Clarity. Properties of natural diamonds and simulants (CZ, Moissanite) are pointed for fast separation with magnification.	ELENA DELJANIN BRANKO DELJANIN RANDY LIGHTFOOT	Participants will gain solid knowledge in grading of rough and polished diamonds using loupe, microscope, master stones and measuring tools. First step in valuation of diamond - proper identification, is important part of program, and then quality.
SEP. 22 – DEC. 15, 2023	SCREENING OF NATURAL AND LABORATORY-GROWN DIAMONDS (INTERMEDIATE TO ADVANCED)	Characteristics of Colourless and Coloured Natural diamonds and laboratory-grown diamonds are compared and key identification tests proposed. Problems of mounted and small diamonds are presented and solutions found.	BRANKO DELJANIN DUSAN SIMIC JOHN CHAPMAN MIKKO ASTROM	This program is for diamond dealers, gemmologists, appraisers and retailers to help them to understand use of increasing number of detection instruments and machines on the market that use different methods for screening/detection of diamonds.
JAN. 19 – APR. 19, 2024	ID OF TREATED LABORATORY-GROWN AND NATURAL DIAMONDS (ADVANCED TO SCIENTIFIC)	The optical, electrical and thermal properties of diamond are influenced by small concentrations of defects. We will explain how research using optical spectroscopy has led to determine whether the colour of a diamond is natural, or has been produced by treatment.	DR ALAN COLINS DR ALEXANDER ZAITSEV BRANKO DELJANIN DR THOMAS HAINSCHWANG DR TAIJIN LU DR VIKTOR VINS	With laboratory-grown and treated diamonds continuing to prove itself as a concern for identification, it is vital that jewelry professionals equip themselves with above-average knowledge of diamond science. Guest diamond experts will clarify topics from their own research projects to participants.

You can listen LIVE for the full 2 hours or watch the recordings, either individually or as a program of 6 classes per each level. Starting mid-March 2023 to April 2024. Payments can be available in 3 installments.

Handout of full program will be sent as PDF file in advance when participant register on February 1, 2023 (BASIC PROGRAM), August 1, 2023 (INTERMEDIATE PROGRAM) and January 1, 2024 (ADVANCED PROGRAM)

Cost: Gem Basic/Intermediate/Advanced Program – 5 months (11.5 weeks) US\$2,950 Live/\$2,650 recorded (with 3 practical exams) Includes BASIC GEM COLLECTION (10 samples) to be shipped. INTERMEDIATE/ADVANCED COLLECTION available for extra cost.

Cost: Diamonds Basic/Intermediate/Advanced Program – 5 months (11.5 weeks) US\$2,950 Live/\$2,650 recorded (with 3 practical exams). Includes BASIC DIAMOND COLLECTION (5 samples) to be shipped. INTERMEDIATE/ADVANCED COLLECTION available for extra cost. Payment in 3 instalments at \$995/\$895 every 6 months (Feb 1, 2023, Aug 1, 2023 and Jan 1, 2024, total of \$2,985/\$2,685 recorded).

FULL GEMS + DIAMONDS "BrankoGems Academy Programs" - 10 months (43 weeks) \$5,500/\$4,950 recorded (including 6 exams). Above prices are based on SMALL CLASS (5-15) with Diamond/Gem Experts, 10% OFF applies if more than 15 participants in class. Possible to pay with 3 instalments at \$1,850/\$1,665 every 6 months (February 1, 2023, August 1, 2023 and January 1, 2024, total of \$5,550/\$4,995 recorded).

FOR MORE INFORMATION PLEASE CONTACT BRANKO DELJANIN AT INFO@BRANKOGEMS.COM