



GIA®

SUMMER 2019

EDUCATION

Quarterly



NATURAL



LABORATORY-GROWN
HPHT

DIAMONDS

What You
Need to Know
Today



LABORATORY-GROWN
CVD

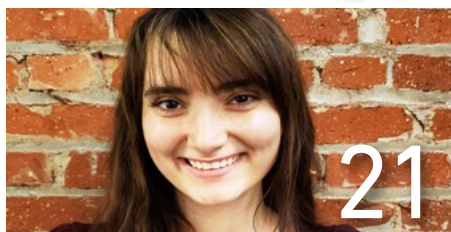
2019 WORLDWIDE CLASS SCHEDULES



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Cover
 Diamonds representing three different growth processes. Images not to scale.
 Natural: 15.96 ct. diamond. Courtesy: Oppenheimer Diamond Collection.
 CVD: 6.37 ct. diamond grown by GIA for research purposes. The crystal shows a very light brown color. The rough along the outside is non-diamond carbon that developed around the diamond during the growth process. It is laser-cut removed before the diamond is faceted and polished.
 HPHT: An approximately 2.5 ct. diamond specimen from the GIA Research Collection.

Accredited by



GIA's campus in Carlsbad is accredited by the Accrediting Commission of Career Schools and Colleges (ACCSC). GIA's campus in New York is accredited by the ACCSC as a branch of GIA's campus in Carlsbad. ACCSC's accreditation is institutional in nature and includes GIA's U.S. On Campus education only. GIA's eLearning courses and lab classes are accredited by the Distance Education Accrediting Commission (DEAC). GIA's lab classes do not fall within the purview of ACCSC accreditation.

GIA Carlsbad: This institution is a private institution approved to operate by the California Bureau for Private Postsecondary Education. Approval to operate means the institution is compliant with the minimum standards contained in the California Private Postsecondary Education Act of 2009 (as amended) and Division 7.5 of Title 5 of the California Code of Regulations.

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GIA New York: GIA's New York branch campus is licensed by the State of New York Bureau of Proprietary School Supervision.

For information about graduation rates, graduated students' median debt, gainful employment and other topics, visit GIA.edu/student-consumer-information

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Flags in the Rosy Blue Student Commons represent the home countries of students who have attended school at GIA World Headquarters in Carlsbad.

EDUCATION FOR CAREERS IN TODAY'S GEM AND JEWELRY INDUSTRY

A GIA education is the smart choice to help further your career in the fast-changing gem and jewelry industry. From gem identification, to computer-aided jewelry design, to the bench skills needed to create your own jewelry, GIA gives you knowledge and skills that employers want.

On page 12, you'll learn about new developments in the diamond market, including laboratory-grown diamonds. The GIA Graduate Gemologist and Graduate Diamonds diploma programs include an in-depth examination of the topic and provide the knowledge you'll need on the job.

Recognized as the world's foremost authority in gemology, the Gemological Institute of America® is an industry leader in gem and jewelry education with campuses, schools and laboratories in 12 countries. The Institute's global campuses attract an international student body that will enrich your experience. Study with GIA® and you'll enjoy an unmatched education and create a lifelong network that will power your career.

In the following pages, you will learn about GIA programs and courses. Here are some highlights that make GIA a leader in gem and jewelry education:

- Comprehensive curriculum on diamonds, colored gemstones, pearls, jewelry design and jewelry manufacturing
- Education programs created using GIA's industry-leading technology, field research and discoveries in the laboratory
- Learning environment with an emphasis on individualized attention and hands-on experience
- Flexible learning options: Study full time at a GIA campus or at your own pace via GIA Distance Education
- A wide range of education and career support options, including financial assistance and scholarship opportunities for those who qualify



On Campus Education



Come to a GIA campus and step into the exciting world of gemology, jewelry design and jewelry manufacturing. Your time at GIA will be a transformative one. You'll immerse yourself in classwork that fires your imagination and helps prepare you for professional success. Create lifelong friendships and join a professional network that circles the globe.

Campuses

- GIA campuses span the globe: Carlsbad (GIA World Headquarters in California), New York, Bangkok, Hong Kong, London, Mumbai and Taiwan. Classes are also taught in Dubai, New Delhi, Surat and Tokyo.

Faculty and Administrators

- GIA faculty have in-depth practical and theoretical knowledge of gemstones, diamonds, equipment and the gem and jewelry industry.
- Our administrators and staff are dedicated to helping you succeed. Many are GIA alumni, so they understand what it is like to study full time at a GIA campus.

Programs and Courses

- Full-time programs and courses run from 7 to 26 instructional weeks.
- Year-round start dates let you begin when it fits your schedule.
- On-campus study provides access to a full range of GIA programs and courses for gemology, jewelry design and jewelry manufacturing.
- Take lab classes to fulfill your Distance Education requirements, sharpen your skills, or as an introduction to a topic of interest.

Classrooms

- Class sizes are small – typically 15 to 24 students – to maximize individual attention from instructors.
- Learn in modern classrooms using professional-grade software and equipment similar to what you will find on the job.



"The standards that GIA holds us to in all the courses prepares us very well for being out in the industry."

Devin Trachtman, GIA GG, GJ, JDT

An Experience Beyond the Classroom

- Study with like-minded students who are as passionate about gems and jewelry as you are.
- GIA has an international student body, which provides a global perspective on the gem and jewelry industry and creates a diverse, multicultural experience.
- Students can participate in organized activities and social gatherings with their classmates.
- Hear from GIA researchers, industry leaders and alumni at guest lectures or special seminars.

Learn more about GIA campuses at [GIA.edu/gem-education/campuses](https://www.gia.edu/gem-education/campuses)

CAREER SUPPORT BEYOND THE DIPLOMA

GIA Career Services

Receive career guidance and assistance to help you develop your career plans and find a job after graduation.

- GIA Jewelry Career Fairs – connect students and graduates with dozens of companies looking to hire. Career Fairs take place annually in Carlsbad, London and New York.
Learn more at careerfair.GIA.edu
- Gem & Jewelry Career Center – the premier online job board with opportunities exclusively in the gem and jewelry industry.
Search for or post a job at GIA.edu/gem-job
- *Job Seeker's Handbook* – resume, interview, and portfolio presentation tips tailored to the gem and jewelry industry.
Download your copy at GIA.edu/job-handbook



Career coaching at the GIA Career Fair in London



Current students can attend guest lectures such as hearing from recent graduates about their experiences in the workplace after graduation.

Join the Global GIA Alumni Network

When you graduate from a GIA program or course, you join an invaluable global alumni network. The GIA Alumni Association encourages lifelong relationships, provides opportunities for continuing education, and fosters networking throughout the gem and jewelry industry.

Stay Informed. Stay Connected at GIA.edu/gia-alumni



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CHAPTERS
AROUND THE GLOBE



130,000+
ALUMNI
MEMBERS



"Career Services is really helpful for finding a job after graduation, and GIA alumni around the world are a great resource."

**Jenny Kenanga, GIA GG, Pearls Graduate,
Jewelry Design Certificate**



GIA Distance Education

GIA Distance Education Diploma Programs

These programs are offered through GIA Distance Education:

- GIA Graduate Gemologist® (GG™) Diploma Program (page 8)
- GIA Graduate Diamonds Diploma Program (page 10)
- GIA Colored Stones Diploma Program (page 11)
- GIA Graduate Pearls Diploma Program (page 17)
- Applied Jewelry Professional (AJP®) Program – earn this professional development credential by taking three eLearning courses (page 16)



The duo-scope in the Carlsbad Student Workroom allows students to follow along with an instructor while examining a gemstone under a microscope.

How You'll Learn

- Graphics, images and videos make eLearning modules media-rich and bring GIA's expertise to life.
- Study whenever and wherever you want, then submit assignments and take exams through our easy-to-use online eLearning platform.
- Lab classes offered at GIA schools worldwide include hands-on use of gemological equipment and real gemstones.

How to Get Started

- eLearning courses start every Monday, except certain holidays. Access your course 24 hours a day, seven days a week.
- Register and pay for each course separately.
- If you are registering for a lab class, check out the class schedule starting on page 22.
- Finish your course before the completion time limit (3 to 24 months, depending on the course).

Instructors

- Distance Education students are assigned a primary instructor who is their main point of contact throughout their Distance Education coursework. During normal business hours, additional instructors are also available to provide assistance. Learn more about our instructors at [GIA.edu/distance-ed-faculty](https://www.gia.edu/distance-ed-faculty)



Start your professional gemology education now with GIA Distance Education. Learn more and apply online at [GIA.edu/distance-ed](https://www.gia.edu/distance-ed)

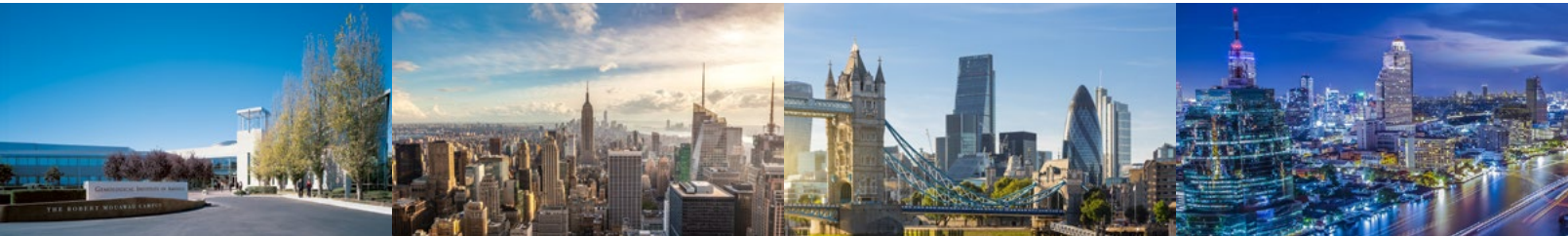


GIA Student Workrooms

A Unique Resource

GIA Student Workrooms give you affordable access to all the equipment and gemstones you need to complete the practical requirements of your Gem Identification course through Distance Education. It's a great place to prepare for your 20-stone final exam, take a proctored online exam or practice on equipment and gemstones.

GIA Student Workrooms are available at many GIA locations:



Carlsbad

Just minutes away from the beach and San Diego, GIA's world headquarters features the world's largest gemological library and a museum with special exhibits.

New York

Located in the International Gem Tower, GIA is in the heart of Manhattan's famed Diamond District and blocks away from the luxury retailers lining Fifth Avenue.

London

London is one of the great design capitals, and GIA's campus is nestled between the Hatton Garden jewelry district and the high-end jewelry boutiques of Bond Street.

Bangkok

The city is one of the world's gemstone capitals, and the campus is ideally situated for students who want to study gemology, including colored gemstones.



Hong Kong

GIA's campus in Hong Kong is located in the center of this vibrant crossroad of global trade for gems and jewelry.

Mumbai

The financial and entertainment capital of India, GIA in Mumbai is close to the Bharat Diamond Bourse, the world's largest diamond trading hub.

Taipei

GIA's campus is steps away from many luxury hotels, the Living Mall and the Holiday Jade Market.

Tokyo

GIA's education facility is located near Okachimachi Station, the city's jewelry district and the famous Ueno Zoo.



Learn more about workroom schedules, fees and how to reserve your spot at [GIA.edu/student-workroom](https://www.gia.edu/student-workroom)

GRADUATE GEMOLOGIST®

GIA Graduate Gemologist graduates often choose these careers:

- Appraiser
- Auction House Jewelry Specialist
- Colored Stone Buyer
- Diamond Buyer
- Diamond Sorter/Grader
- Estate Jewelry Dealer
- Gemologist
- Inventory Control Specialist
- Jewelry Business Owner
- Jewelry Buyer
- Lab and Research Professional
- Merchandiser
- Pawnbroker
- Retailer
- Sales Associate
- Wholesaler

Contact Career Services for more information: careerservices@gia.edu

The Professional Credential That Opens Doors in the Gem and Jewelry Industry

The GIA Graduate Gemologist® (GG) diploma program delivers a comprehensive gemology education on diamonds and colored stones. Using the latest gemological equipment, you will work with real diamonds and gemstones under the trained eyes of GIA instructors. Through extensive lab work, you will practice identifying and grading diamonds and colored stones in an efficient, accurate and consistent manner. Skills taught include evaluating a diamond's proportions; distinguishing natural, treated and laboratory-grown gemstones; and using the GIA Colored Stone Grading System to determine gemstone quality. When studying on campus, you will receive tweezers, a 10x loupe, a pointer probe, plotting pens, a gem cloth, a table gauge, a crown angle card, a color grading card, a polariscope, a dichroscope, a handheld spectroscope, a pinpoint incandescent light source, a refractometer with polarizing filter and removable magnifying eyepiece, refractive index (RI) liquid, lab manuals and printed course materials.

What You Will Learn:

- Develop in-depth, hands-on experience with the GIA International Diamond Grading System™ and the 4Cs of Diamond Quality (Color, Clarity, Cut and Carat weight)
- Grade diamonds in the D-to-Z color range
- Build a knowledge base about colored stones and the colored stone market
- Use gemological equipment effectively to identify gemstones
- Use the GIA Colored Stone Grading System to evaluate gemstone quality
- Identify gemstone characteristics, simulants and treatments, and recognize when advanced testing is required
- Understand how gems are mined, fashioned and brought to the marketplace
- Recognize how quality, rarity and color affect value
- Determine how market factors affect gem value

What You Earn: GIA Graduate Gemologist Diploma, GIA Graduate Diamonds Diploma, GIA Graduate Colored Stones Diploma

On Campus

Full-time program offered at GIA campuses worldwide.
See class schedule beginning on page 22.

Distance Education

A combination of eLearning courses offered through GIA in Carlsbad and instructor-led lab classes offered at GIA campuses and other locations worldwide (see *GIA Education Catalog* or GIA.edu for details).

Five eLearning courses

- Diamond Essentials
- Diamonds & Diamond Grading
- Colored Stone Essentials
- Colored Stones
- Gem Identification

Three lab classes

- Diamond Grading lab – 5 days (or 10 nights when applicable)
- Colored Stone Grading lab – 3 days (or 6 nights when applicable)
- Gem Identification lab – 5 days (or 10 nights when applicable)

See class schedule beginning on page 22.

For eLearning and lab class descriptions, visit GIA.edu/distance-ed



Watermelon Tourmaline Courtesy: Thomas M. Schneider



Learn More About Where the Graduate Gemologist Program Can Take You at GIA.edu/GG

GRADUATE GEMOLOGIST PROFILE

Lotanna Amina Okpukpara

Advocating for Nigerian Gems

Lotanna “Mina” Amina Okpukpara’s dreams have taken her half way around the world and back home. Born in Abuja, Nigeria, Mina fell in love with gemstones as a child. After earning a Bachelor of Arts in engineering from Covenant University in Ota, Nigeria, Mina completed a master’s degree in business and innovation at Lancaster University in the UK.



Upon completing her graduate studies, Mina wanted to follow the interests of her youth and pursue an education in gemology. GIA Distance Education was best suited for her, and she earned the GIA Graduate Gemologist diploma. As she continued to learn more about the gemstones of her homeland and the difficult life of its miners, she was determined to create a brighter future for those in the Nigerian gem and jewelry industry.

Why GIA?

I did my research and found that GIA was the foremost place to study. I was awarded two GIA scholarships, and that made it possible for me to pursue my studies. It gave me the opportunity to learn skills I only dreamed of and to become a gemologist.

The GIA Distance Education Experience

Reading about gemstones was as intriguing as reading a favorite novel. Being able to study and work at the same time and go at my own pace was really convenient for me. The courses were very thorough. Handling gems and using equipment in the lab classes at GIA in Carlsbad was a great experience. I had amazing instructors and colleagues. Even though I was there for only a few weeks, I formed lifelong friendships.



Cufflinks featuring amethyst mined from the Nigerian state of Bauchi. Courtesy: Mina Stones

Making a Difference

I have seen the poverty of artisanal gemstone miners and believe the resources of the land should better benefit the people. The gemstone manufacturing potential of Nigeria could be a game-changer for the country. It could lift many people out of poverty. With the goal of creating a vibrant and sustainable gem and jewelry industry that helps all the people, I collaborated with the Raw Materials Research and Development Council to host the first African Gems & Jewellery Exhibition and Seminar (AGJES) in October 2015. This is an ongoing platform that brings together individuals and organizations in the gemstone value chain to discuss issues, offer solutions and facilitate trade. I am partnering with the Ministry of Mines and Steel to help produce AGJES 2019 this August in Abuja which focuses on retailing African gems and jewelry to the rest of the world.

Jewelry Inspired by Nigeria’s Gems and Heritage

I am the founder and creative director of Mina Stones – a manufacturer of handcrafted jewelry and gemstones. Nigerian culture, traditions, gems and the natural beauty of the country inspire my work. For example, we use the nearly forgotten Nsibidi script of eastern Nigeria to decorate some of our pieces.



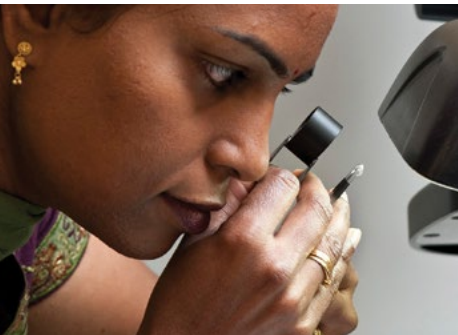
These gold earrings, featuring white topaz mined from the Nigerian state of Benue, are part of Mina Stones’ “Olaedo” collection. Olaedo means “jewel” in the eastern Nigerian Igbo language. Courtesy: Mina Stones

GRADUATE DIAMONDS

GIA Graduate Diamonds graduates often choose these careers:

Auction House Jewelry Specialist
Diamond Buyer
Diamond Sorter/Grader
Estate Jewelry Sales
Jewelry Business Owner
Retailer
Wholesaler

Contact Career Services
for more information:
careerservices@gia.edu



The Tremendous, Treasured and Timeless Diamond

The Graduate Diamonds diploma program examines the technical expertise needed to grade, buy, and sell diamonds with the insight of a seasoned professional. This diploma program explores the GIA diamond grading procedures to assess the 4Cs of Diamond Quality – Color, Clarity, Cut and Carat weight – and how they affect diamond value. Students use professional diamond grading equipment for the purposes of examining a diamond’s quality characteristics to grade and identify diamonds. Coursework also includes creating plotting diagrams; determining fluorescence; and detecting treated diamonds, laboratory-grown diamonds and diamond simulants. Other topics covered include the effect of fluorescence on diamond body color, and the role cut plays in the marketplace and important sectors of the diamond industry, including dealers, cutters and manufacturers. When studying on campus, you will receive tweezers, a 10x loupe, a pointer probe, plotting pens, a gem cloth, a table gauge, a crown angle card, a color grading card, a lab manual and printed course materials.

What You Will Learn:

- Develop in-depth, hands-on experience with the GIA International Diamond Grading System™ and the 4Cs of Diamond Quality (Color, Clarity, Cut and Carat weight); appreciate how they affect diamond value
- Grade diamonds in the D-to-Z color range
- Detect diamonds treatments, simulants and laboratory-grown diamonds
- Recognize when advanced testing is required

What You Earn: GIA Graduate Diamonds Diploma

On Campus

Full-time program offered at GIA campuses worldwide.

See class schedule beginning on page 22.

Distance Education

A combination of eLearning courses offered through GIA in Carlsbad and instructor-led lab classes offered at GIA campuses and other locations worldwide (see *GIA Education Catalog* or GIA.edu for details).

Two eLearning courses

- Diamond Essentials
- Diamonds & Diamond Grading

One lab class

- Diamond Grading lab – 5 days (or 10 nights when applicable)

See class schedule beginning on page 22.

For eLearning and lab class descriptions, visit GIA.edu/distance-ed



Learn more at GIA.edu/GD



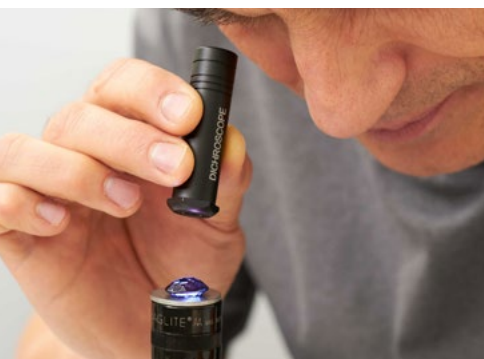
Diamond rough and polished

GRADUATE COLORED STONES

GIA Graduate Colored Stones graduates often choose these careers:

- Appraiser
- Auction House Jewelry Specialist
- Colored Stone Buyer
- Estate Jewelry Sales
- Jewelry Business Owner
- Jewelry Buyer
- Pawnbroker
- Retailer
- Wholesaler

Contact Career Services for more information:
careerservices@gia.edu



Sapphire gemstone

Countless Colors, Limitless Possibilities

The Graduate Colored Stones diploma program explores the identification of common and unusual gemstones found in the marketplace. Subjects covered include the GIA Colored Stone Grading System and the correct usage of standard gemological equipment to distinguish natural, treated and laboratory-grown gemstones. The program also examines which gems are commercially important, shifting supply patterns, and how these factors affect gem prices and availability. This program also includes the study of more than 60 species of gemstones and how illumination techniques can facilitate the identification process. When studying on campus, you will receive a polariscope, a dichroscope, a handheld spectroscope, a refractometer with polarizing filter and removable magnifying eyepiece, refractive index (RI) liquid, tweezers, a pinpoint incandescent light source, lab manuals and printed course materials.

What You Will Learn:

- Build a knowledge base about colored stones and the colored stone market
- Use gemological equipment effectively to identify gemstones
- Use the GIA Colored Stone Grading System to evaluate gemstone quality
- Recognize how quality, rarity and color affect value
- Determine how market factors affect gem value
- Understand how gems are mined, fashioned, and brought to the marketplace

What You Earn: GIA Graduate Colored Stones Diploma

On Campus

Full-time program offered at GIA campuses worldwide.

See class schedule beginning on page 22.

Distance Education

A combination of eLearning courses offered through GIA in Carlsbad and instructor-led lab classes offered at GIA campuses and other locations worldwide (see *GIA Education Catalog* or GIA.edu for details).

Three eLearning courses

- Colored Stone Essentials
- Colored Stones
- Gem Identification

Two lab classes

- Colored Stone Grading lab – 3 days (or 6 nights when applicable)
- Gem Identification lab – 5 days (or 10 nights when applicable)

See class schedule beginning on page 22.

For eLearning and lab class descriptions, visit GIA.edu/distance-ed



Learn more at GIA.edu/GCS

What You Need to Know About Diamonds Today

Natural and Laboratory-Grown

Two specimens of faceted crystalized carbon - both are crystal clear and give off a kaleidoscope of spectral colors in direct light. They appear to be identical. One, however, is a billion or more years old and the other was recently grown in a laboratory.

Both are diamonds, of course. The first is a natural diamond created by forces deep within the young Earth. The second is from a laboratory and possesses essentially the same chemical, physical and optical properties as its natural counterpart.

Diamond – the material, not the gem – is a mineral consisting of “essentially pure carbon crystalized in the isometric cubic system,” according to the U.S. Federal Trade Commission (FTC), which develops trading guides for the gem and jewelry industry.

Although the FTC says diamonds are essentially pure carbon, the vast majority of natural diamonds contain trace amounts of other substances, particularly nitrogen, which gives them a yellow color or (rarely) boron, which imparts a blue color. In addition, they usually contain inclusions, tiny bits of foreign material that were trapped in the still-forming diamond millions of years ago.

Laboratory-grown diamonds (also sometimes referred to as man-made or synthetic diamonds) entered the gem and jewelry market in commercial quantities about five years ago. Although identical in appearance to natural diamonds, they have very subtle differences that can only be detected by trained gemologists and sophisticated equipment designed for that purpose.



**Laboratory-grown diamonds
have essentially the same
chemical, physical and optical
properties as natural diamonds.**

WHERE DO DIAMONDS COME FROM?

Natural Diamonds

Natural diamonds formed deep in the earth under extreme pressure and high temperature as long as three billion years ago. Volcanic activity brought them to the surface where they lay in a type of volcanic rock formation known as kimberlite pipes, waiting to be mined. Only about five percent of kimberlite pipes contain enough diamond to make them economically feasible to mine.

Laboratory-Grown Diamonds

Man-made diamonds suitable for industrial use were first produced in a laboratory in the 1950s. While gem-quality diamonds were produced in a laboratory for the first time in 1971, it was not until the mid-2010s that colorless laboratory-grown diamonds entered the gem and jewelry market in commercial quantities.

Today, laboratory-grown diamonds are created by two methods, according to Dr. James Shigley, GIA Distinguished Research Fellow, who has been researching laboratory-grown diamonds at GIA for more than 30 years.

High pressure, high temperature (HPHT) diamonds are produced in a laboratory by mimicking the high pressure, high temperature conditions that form natural diamonds in the Earth. This process produces a distinctively shaped laboratory-grown diamond crystal.

The chemical vapor deposition (CVD) method involves breaking down the molecules of a carbon-rich gas, such as methane, into carbon and hydrogen atoms, which then are deposited on diamond seeds to produce a square-shaped, tabular diamond crystal.

Growing diamonds by either method typically requires less than a month for most sizes. Most CVD-grown diamonds require additional treatments like heat or irradiation to enhance or change their colors after the growth process.

Typically, laboratory-grown diamonds have weighed a carat or less, but as technology and techniques improve, larger stones have appeared in the market.

While natural diamonds formed deep in the Earth over billions of years, laboratory-grown diamonds can be produced in just a few days.

This chart shows the different diamond rough based on how they grew, or their growth morphology. Though this shape is lost after a diamond is cut and polished, identification is still possible by looking for fluorescence patterns that result from its particular growth morphology among other things.

HOW CAN NATURAL AND LABORATORY-GROWN DIAMONDS BE DISTINGUISHED FROM ONE ANOTHER?

It is essential that laboratory-grown diamonds can be identified because consumers need to know what they are buying, and because there are often significant price differences between them and natural gemstones.



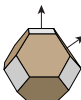



Because laboratory-grown diamonds are essentially chemically and optically the same as their natural counterparts, traditional gemological observations and old-style “diamond detectors” are not able to tell them apart. Identification at a professional gemological laboratory or using sophisticated devices developed by GIA® and other organizations are the only reliable methods to separate them from natural diamonds.

Diamond Morphology – the Telltale Factor

“Natural diamonds that formed in the Earth over millions of years grow differently from diamonds created in a laboratory in a few weeks. In addition, HPHT- and CVD-created diamonds have different growth morphology, or how growth conditions influenced the shape of the diamond crystal,” said Dr. Shigley.

GIA Senior Research Scientist Dr. Sally Eaton-Magaña further explained, “The identification criteria for HPHT and CVD diamonds are quite distinct from each other,” adding that laboratory-grown diamonds have become much more varied over the last 10 to 15 years, requiring GIA researchers to keep pace with new developments.

“We also regularly conduct research on emerging products and GIA has a program to grow diamonds in the laboratory to stay ahead of any new trends,” Dr. Eaton-Magaña said.

Growth Process	Typical Growth Morphology	Photo Example of Rough
Natural	 <p>Shape: Octahedron Growth: 8 directions</p>	
High Pressure, High Temperature (HPHT)	 <p>Shape: Cuboctahedron Growth: 14 directions</p>	
Chemical Vapor Deposition (CVD)	 <p>Shape: Cube Growth: 1 direction</p>	

DOES GIA OFFER GRADING FOR LABORATORY-GROWN DIAMONDS?

GIA tests every diamond submitted to its gemstone grading and identification laboratory locations around the world to determine whether they are natural or laboratory-grown.

In March 2019, following the guidelines from the FTC, the Institute announced it will change the name of the reports to GIA Laboratory-Grown Diamond Reports starting in July 2019. To reduce the potential for confusion, GIA grading reports for laboratory-grown diamonds look significantly different from those for natural diamonds. In addition, the terms used to report color and clarity grades for laboratory-grown diamonds are different from those used for natural diamonds. Instead of D-to-Z color grades, broader category terms (Colorless, Near-Colorless, Faint, Very Light and Light) are used. Clarity grades, which are abbreviated on natural diamond reports (VVS1, VS2, etc.), use broader descriptive category terms (i.e., Very Very Slightly Included, Included) on the reports for laboratory-grown diamonds.



In July, GIA will include the full GIA color and clarity scales on its laboratory-grown diamond reports

WHAT ABOUT DIAMONDS THAT ARE NOT SUBMITTED TO GEM LABS FOR GRADING?

To identify laboratory-grown diamonds, GIA developed the GIA iD100™ screening device. This desktop-sized instrument combines advanced spectroscopic technology with GIA's 60 years of diamond and gemstone identification research to distinguish natural diamonds from laboratory-grown (HPHT and CVD) diamonds and diamond simulants.

GIA also offers the GIA Melee Analysis Service, which quickly and accurately screens parcels of very small diamonds – the most prevalent in the market.



GIA iD100™

The GIA iD100 allows retailers to rapidly and accurately screen loose and mounted diamonds as small as .005 ct.



The diamond industry is changing. Are you ready? A comprehensive education about diamonds from GIA can help ensure you are keeping up with the latest developments.

[GIA.edu/diamond-education](https://www.gia.edu/diamond-education)



Advanced Synthetic Diamond Seminar

Learn the Latest Techniques from GIA Research Scientists to Identify Laboratory-Grown Diamonds.



Gain in-depth knowledge of advanced diamond identification techniques, including hands-on experience with current production laboratory-grown diamonds and the latest detection technology. These build on GIA's more than 60 years of scientific research into natural, treated and laboratory-grown diamonds and 88+ years of GIA's industry-leading gemological education programs.

Remaining Seminar Dates in 2019:

CARLSBAD	LONDON	NEW YORK	MUMBAI
Jun 4-5 Sep 5-6	Sep 9-10	Jun 24-25 Oct 15-16	Aug 19 Aug 20



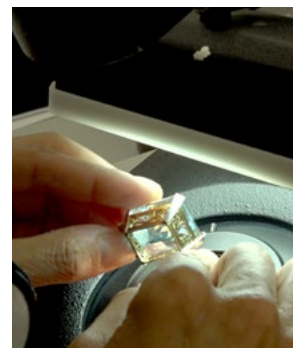
Get started at [GIA.edu/advanced-synthetic-diamond-seminar](https://www.gia.edu/advanced-synthetic-diamond-seminar)

GIA Alumni Receive a 10% Discount

Jewelry Forensics Seminar

Learn the skills to evaluate jewelry quality and identify potential jewelry failure risks using GIA's 12-step process.

GIA's Jewelry Forensics seminar will enable jewelry appraisers, retail staff and jewelry designers of all experience levels to better identify how pieces of jewelry are made. Through hands-on practice, you will learn to identify indicators of manufacturing processes to better assess jewelry quality. Participants will learn through lectures by GIA gem and jewelry experts, hands-on exercise, illustrations, images and video.



CARLSBAD

Aug 5-7 Oct 21-23 Nov 4-6



Learn more at [GIA.edu/jewelry-forensics-seminar](https://www.gia.edu/jewelry-forensics-seminar)

GIA Alumni Receive a 10% Discount

GIA Continuing Education Program

Stay informed on the latest gemological knowledge, research and trends. Exclusive to alumni with a GIA Graduate Gemologist or GIA Gemologist diploma.

Program Highlights Include:

- Earn GIA Continuing Education credit and recognition by completing eight media-rich, interactive learning modules delivered online.
- Gain access to hundreds of videos, including gem identification and instrumentation usage.
- Review access to all GIA eLearning courses for diamonds, colored stones and gem identification, as well as continuing education modules from previous years.



Get started at [GIA.edu/gem-continuing-education](https://www.gia.edu/gem-continuing-education)

APPLIED JEWELRY PROFESSIONAL

PROFESSIONAL DEVELOPMENT

The GIA Applied Jewelry Professional program provides fundamental education for professionals in careers like these:

Jewelry Assistant Manager
 Jewelry Sales Professional
 Television Shopping Host
 Pawnbroker

Contact Career Services
 for more information:
careerservices@gia.edu



The Front Line of the Jewelry Industry

The Applied Jewelry Professional™ (AJP) program covers topics including jewelry designs, setting styles, jewelry care and other content that will support the product knowledge of current industry professionals. The AJP® program also introduces basic information about diamonds, rubies, emeralds, sapphires and the GIA clarity grading system. Other subjects of study include how modern technology is changing the way diamonds are cut, the qualities of precious metals, major jewelry manufacturing methods and the important activities involved in the operation of a retail jewelry store. To enable effective product conversations, examples are provided on how to translate jewelry features into benefits and how to communicate the 4Cs of Diamond Quality to customers. The AJP program provides clear and concise information that can be immediately implemented on the job.

What You Will Learn:

- Describe how the 4Cs of Diamond Quality (Color, Clarity, Cut and Carat weight) affect a diamond's value
- Recognize the relationship between size and weight of diamonds
- Explain the differences between treated, laboratory-grown and imitation stones to sell with full disclosure
- Understand the steps of the jewelry sales process
- Translate jewelry design, style and manufacturing features into benefits
- Convey the romance, lore and characteristics of the most popular colored gemstones

What You Earn: GIA Applied Jewelry Professional diploma

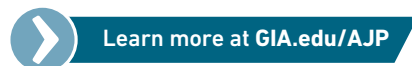
Distance Education

Courses offered through GIA® in Carlsbad (see *GIA Education Catalog* or GIA.edu for details).

Three eLearning courses

- Jewelry Essentials
- Colored Stone Essentials
- Diamond Essentials

For eLearning descriptions, visit GIA.edu/distance-ed



Ring image courtesy: 1stdibs.com

GRADUATE PEARLS

GIA Graduate Pearls graduates often choose these careers:

- Jewelry Business Owner
- Pearl Buyer
- Pearl Sorter/Grader
- Retailer
- Wholesaler

Contact Career Services for more information:
careerservices@gia.edu



Timely Knowledge for Timeless Treasures

The Graduate Pearls diploma program provides the product knowledge and grading skills to buy inventory and effectively build confidence when buying and selling akoya, South Sea, Tahitian and freshwater pearls. You will be taught GIA's 7 Pearl Value Factors™: size, shape, color, luster, surface quality, nacre quality and matching – the essential criteria for assessing the value and beauty of pearls. Topics covered include post-harvest treatments, imitation pearls and pearl testing. Students will get hands-on training and practice testing pearls for authenticity and post-harvest treatments. Each student will receive a lab manual.

What You Will Learn:

- Explain the differences between natural and cultured pearls
- Evaluate and grade cultured pearls based on GIA's 7 Pearl Value Factors
- Describe the components of the GIA Pearl Reports
- Describe cultured pearl types and their sources
- Identify "other" pearl types found in the marketplace
- Describe common pearl treatments
- Understand the relationship of beauty, value and quality
- Learn the process of pearl culturing and marketing

What You Earn: GIA Graduate Pearls Diploma

Distance Education

A combination of one eLearning course offered through GIA in Carlsbad and an instructor-led lab class offered at GIA campuses and other locations worldwide (see *GIA Education Catalog* or GIA.edu for details).

One eLearning course


- Pearls

One lab class

- Pearl Grading lab – 1 day (or 2 nights when applicable)

See class schedule beginning on page 22.

For eLearning and lab class descriptions, visit GIA.edu/distance-ed

 [Learn more at GIA.edu/GP](http://GIA.edu/GP)

JEWELRY DESIGN & TECHNOLOGY

GIA Jewelry Design & Technology graduates often choose these careers:

- CAD Designer
- Jewelry Designer
- CAM Operator
- Product Developer
- Quality Assurance Specialist
- CAD/CAM Service Bureau Technician

Contact Career Services for more information: careerservices@gia.edu



ZBrush software allows designers to manipulate "digital clay" to enable a more artistic, hand-sculpted look for your CAD models.

Skills From Concept to Counter

The Jewelry Design & Technology diploma program covers topics essential to becoming a jewelry designer and CAD (computer-aided design) technician, including being able to build a CAD model of jewelry using engineering specifications and understanding the challenges that come with its manufacturing. Instructors teach design elements, and principles and concept sketching, to create attractive jewelry designs to present to a client prior to building the CAD model. Other topics covered include: important jewelry design eras, understanding and applying motifs to jewelry, and jewelry manufacturing methods. You will receive student licenses for Rhinoceros and ZBrush software, an external hard drive, a 10x loupe, digital calipers and a graphic tablet with pen.

What You Will Learn:

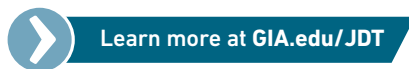
- Use fundamental design concepts, including texture, shape, form, balance, negative space, color and more
- Learn digital hand-rendering using Sketchbook software
- Apply CAD model engineering concepts to make durable and comfortable pieces that are long lasting
- Create, render and prototype designs using CAD software like Rhinoceros and ZBrush, and CAM hardware like a 3D printer
- Understand manufacturing processes for the creation of jewelry, like die-striking and casting
- Design and develop CAD models using the metrics of scale, proportion, and element relationships; and within the constraints of cost, time, size, style and manufacturing methods
- Develop digital and physical portfolios of class projects and custom designs that are ready for presentation to potential clients and employers, and display work in a final design exhibition

What You Earn: GIA Jewelry Design & Technology Diploma

On Campus

Full-time program offered at GIA campuses in Carlsbad and New York.

See [class schedule beginning on page 22](#).



See GIA Jewelry Design & Technology students showcase their portfolios at the final design exhibition at GIA.edu/jdtvideo



Turn your CAD renderings into 3D-printed models and develop your portfolio.

COMPREHENSIVE CAD/CAM FOR JEWELRY

The Driving Force in Jewelry Design and Manufacturing Technology

This comprehensive seven-week course covers the skills necessary to become a CAD/CAM (Computer-Aided Design/Computer-Aided Manufacturing) technician. Skills taught include using CAD software to develop models, photorealistic renderings, subtractive and additive CAM (Computer-Aided Manufacturing) machines, jewelry manufacturing techniques and jewelry-engineering fundamentals. You will receive a student license for Rhinoceros software and an external hard drive.

What You Will Learn:

- Create CAD models within the metrics of scale, proportion and element relationships
- Distinguish between various CAM technologies including 3D printing
- Develop CAD models within the constraints of cost, time, size, style and manufacturing methods
- Model and render manufacturable pieces of jewelry using CAD

What You Earn: GIA Comprehensive CAD/CAM for Jewelry Certificate

Full-time course offered at GIA campuses in Carlsbad, New York and London.

See class schedule beginning on page 22.

GIA Comprehensive CAD/CAM for Jewelry graduates often choose these careers:

- CAD Service Bureau Technician
- Jewelry CAD Technician
- Product Developer

Contact Career Services for more information: careerservices@gia.edu



Learn more at GIA.edu/CCC

JEWELRY DESIGN

Illustrate Your Way to a Promising Future

In this intensive nine-week course, instructors teach creative and technical hand-rendering skills needed to begin a career as a custom jewelry designer. Jewelry design theory helps students acquire a working knowledge of jewelry artistry. Skills covered include: illustrating the shape, form and texture of metal; working with drafting tools; and rendering yellow and white metals as well as a range of faceted and cabochon gemstones and pearls. Instructors show how to illustrate rings in five different views and how to keep design ideas flowing. At the completion of this course, you will have a hand-developed portfolio of your work and a digital copy to show prospective employers and clients. You will receive a design toolkit, which contains a variety of paints, pencils, brushes, templates, vellum, other art tools and printed course materials.

What You Will Learn:

- Develop sources of inspiration
- Understand jewelry design theory and artistry
- Illustrate shape, form, and texture of metal
- Render faceted gems, pearls, colored metals, etc.
- Learn traditional drafting techniques
- Develop motifs to create sketches of jewelry objects
- Create a portfolio of class projects and custom designs that is ready for presentation to potential clients and employers

What You Earn: GIA Jewelry Design Certificate

Full-time course offered at GIA campuses worldwide.

See class schedule beginning on page 22.

GIA Jewelry Design graduates often choose these careers:

- Custom Designer
- Hand Renderer
- Jewelry Business Owner
- Jewelry Designer
- Sales Associate

Contact Career Services for more information: careerservices@gia.edu



Learn more at GIA.edu/JD

GRADUATE JEWELER

GIA Graduate Jewelers often choose these careers:

- Bench Jeweler
- Business Owner
- Custom Order Jeweler
- Jewelry Repair Technician
- Manufacturing Executive
- Jewelry Buyer
- Quality Assurance Specialist
- Stone Setter

Contact Career Services for more information: careerservices@gia.edu



Create Jewelry with a Confident Hand and an Expert Eye

The Graduate Jeweler diploma program offers a hands-on learning experience in a professional environment that will prepare you for a career as a bench jeweler. The course covers skills valuable for jewelry designers, CAD modelers, and sales professionals. You will make and repair jewelry in a safe and sustainable manner within a clean, modern, well-equipped classroom that includes a laser welder. At your own workbench – equipped with a torch, micromotor, and essential toolkit – you will develop core skills with progressively challenging projects. You will work with gemstones and precious metals, taking projects from castings to finished, set, and polished pieces. You will keep your hand tools and digital course content, which includes technical illustrations, instructional videos and a bench reference guide.

What You Will Learn:

- Use laser-welding technology for gold, silver and platinum
- Develop essential skills, including polishing, filing, texturing, sawing, fabrication and forging techniques, and stone setting and general torch skills
- Set a variety of stone shapes, including princess-cut stones, in mounting styles such as channel setting, bezel setting, and prong setting, in base metals, silver, white gold, yellow gold and platinum
- Perform the most common jewelry repairs, including sizing rings, replacing prongs, repairing broken chains and installing new settings
- Apply both textured and polished finishes to jewelry surfaces on a variety of different metals
- Evaluate and improve workmanship using GIA Quality Assurance Benchmarks

What You Earn: GIA Graduate Jeweler Diploma

On Campus

Full-time program offered at GIA's campus in Carlsbad.

See *class schedule beginning on page 22*.



See GIA® Graduate Jeweler students tackle the “Halo ring” project in 14K gold at GIA.edu/gjvideo



Learn more at GIA.edu/GJ



As part of the Graduate Jeweler program, students will complete several jewelry projects including a Halo ring such as the one shown here. This project features an oval center stone in a six-prong setting surrounded by round, precision-cut stones in a halo setting with common prongs. This project is completed in sterling silver and two-tone white and yellow 14k gold.

GRADUATE JEWELER PROFILE

Gabrielle White

Designing Her Future

Eight-year-old Gabrielle White dreamt of going to Paris and reasoned that the best way to get there was by making jewelry. By age 10, she was using the copper spool her dad gave her to make and sell jewelry at local craft shows under the name "Gab'z Jewels." By age 13, Gabrielle saved enough money to visit the "City of Lights" with her father.

These early successes and her passion for jewelry making fueled Gabrielle's desire to learn more about the craft. She went on to learn wire wrapping, stone setting and goldsmithing. After taking a few classes in metalsmithing at her high school and at the Maine College of Art, Gabrielle wanted an immersive education in the craft.



The GIA Experience

I came to GIA because I wanted to get the best jewelry education possible. There were so many things I loved about attending GIA, but what stands out is how everyone was very helpful and looked out for you and your future. My instructors would take their time to show me a variety of techniques until I found one that was the most suitable, which is very important since each jeweler learns differently.

A GIA Scholarship

The scholarship I received from GIA helped me afford an education that I otherwise would not have financially been able to obtain. The process is definitely worth the education that you will receive.



Part of her Ruby Red collection, this rose gold bracelet features an emerald cut ruby with ten French pavé diamonds. Courtesy: Gabrielle June Jewelry

A Time of Transformation

Professionally, GIA helped me become more confident in myself and my bench jeweler skills, develop an amazing resume, get my first job, and connect with other jewelers. Since GIA is respected around the world, having a diploma greatly aids in searching for employment. Personally, I learned a lot about myself, made some great friends and created a variety of connections.

A Professional Jeweler

The GIA career services team was extremely helpful in my job search, and my first job after graduation was as a bench jeweler at Zoe Chicco in downtown Los Angeles. My responsibilities included cleaning a casting, hand-fabricating the piece, cutting bearings, setting the various types of stones, and finishing the process by polishing. Jewelers often specialize in one aspect like being a polisher or stone setter, so having so many responsibilities was pretty rare. I really enjoyed taking a piece from start to finish, and this helped me to become proficient in all aspects of production. My GIA education also helped me succeed as a team lead, especially when I had to give demonstrations on a new style or setting.

Gabrielle June Jewelry

I design my own jewelry under that name. I strive for classy but bold styles that women can wear from day to night. My inspiration comes from a variety of things such as the shapes and movements in nature to the hustle of everyday life. Whether you're at work or going out, you want your jewelry to be versatile and make you feel unstoppable.



These diamond mobile earrings feature 1.2 mm white diamonds and 1.1 mm black diamonds set in 10k rose gold. Courtesy: Gabrielle June Jewelry

2019 Global Class Schedules

ON-CAMPUS PROGRAMS

Please refer to GIA.edu for the most up-to-date schedules, tuition and fees.

Unless otherwise noted, all classes are held at GIA® facilities at the address shown on the back cover of the most current version of the GIA Education Catalog or campus handbook for your campus of interest.

GIA reserves the right to reschedule or cancel classes.

CARLSBAD, CA

GEMOLOGY

GEM 2500 Graduate Gemologist®

Jan 17-Aug 2
Feb 14-Aug 30
Apr 4-Oct 18
May 30-Dec 20
Aug 8, 2019-Mar 13, 2020
Sep 5, 2019-Apr 10, 2020
Oct 17, 2019-May 22, 2020

GEM 2200 Graduate Diamonds

Jan 17-Mar 15*
Feb 14-Apr 12*
Apr 4-May 31*
May 30-Jul 26*
Aug 8-Oct 4*
Sep 5-Nov 1*
Oct 17-Dec 20*

GEM 2300 Graduate Colored Stones

Jan 7-May 24*
Mar 18-Aug 2*
Apr 15-Aug 30*
Jun 3-Oct 18*
Jul 29-Dec 20*
Oct 7, 2019-Mar 13, 2020*
Nov 4, 2019-Apr 10, 2020*

JEWELRY MANUFACTURING ARTS

JMA 3400 Jewelry Design & Technology

Jan 17-Jul 26
Apr 25-Nov 1
Sept 19, 2019-Apr 17, 2020

JMA 3300 Graduate Jeweler

Jan 24-Aug 2
May 30-Dec 13
Sep 5, 2019-Apr 3, 2020

JMA 370 Jewelry Design

Jan 10-Mar 15
Jul 5-Sep 6

JMA 400 Comprehensive CAD/CAM for Jewelry

Apr 4-May 24
Oct 3-Nov 22

NEW YORK, NY

GEMOLOGY

GEM 2500 Graduate Gemologist®

Jan 10-Jul 26
Mar 7-Sep 20
Jun 27, 2019-Jan 31, 2020
Aug 22, 2019-Mar 27, 2020
Oct 17, 2019-May 22, 2020

GEM 2200 Graduate Diamonds

Jan 10-Mar 8*
Jan 31-Mar 29
Mar 7-May 3*
Apr 4-May 31
Jun 27-Aug 23*
Jul 25-Sep 20
Aug 22-Oct 18*
Sep 26-Nov 22
Oct 17-Dec 20*

GEM 2300 Graduate Colored Stones

Jan 7-May 24*
Mar 11-Jul 26*
May 6-Sep 20*
Aug 26, 2019-Jan 31, 2020*
Oct 21, 2019-Mar 27, 2020*

JEWELRY MANUFACTURING ARTS

JMA 3400 Jewelry Design & Technology

Jun 6-Dec 20

JMA 370 Jewelry Design

May 9-Jul 12
Oct 3-Dec 13

JMA 400 Comprehensive CAD/CAM for Jewelry

Aug 1-Sep 20

LAB CLASSES AND PROFESSIONAL DEVELOPMENT

CARLSBAD, CA

GEMOLOGY

GEM 220L Colored Stone Grading

Jan 21-23
Mar 18-20
May 6-8
Jul 22-24
Sep 23-25
Nov 4-6

GEM 230L Diamond Grading

Jan 7-11
Jan 28-Feb 1
Mar 4-8
Apr 22-26
Jul 8-12
Jul 29-Aug 2
Sep 9-13
Sep 30-Oct 4
Oct 21-25
Nov 11-15

GEM 240L Gem Identification

Jan 14-18
Mar 11-15
Apr 29-May 3
Jul 15-19
Sep 16-20
Oct 28-Nov 1

GEM 149L Pearl Grading

Jan 24
Mar 21
May 9
Jul 25
Sep 26
Nov 7

JEWELRY MANUFACTURING ARTS

JMA 320L Basic Repair and Setting

Apr 22-26
Aug 12-16

JMA 340L Intermediate Repair and Setting

Apr 29-May 3
Aug 19-23

PROFESSIONAL DEVELOPMENT

Advanced Synthetic Diamond Seminar

Jun 4-5
Sep 5-6

Jewelry Forensics Seminar

Aug 5-7
Oct 21-23
Nov 4-6

NEW YORK, NY

GEMOLOGY

GEM 220L Colored Stone Grading

Mar 4-6
Apr 1-3
Apr 22-24
May 13-15
Jun 10-12
Jul 15-17
Aug 19-21
Oct 12-26 (S)
Oct 28-Nov 5 (N)
Dec 16-18

GEM 230L Diamond Grading

Feb 11-15
Mar 4-19 (N)
Mar 18-22
Apr 8-12
Apr 29-May 3
Jun 3-7
Jul 8-12
Aug 5-9
Aug 5-20 (N)
Sep 30-Oct 4
Dec 2-6

GEM 240L Gem Identification

Feb 25-Mar 1
Mar 25-29
Apr 15-19
May 6-10
Jun 17-21
Jul 13-Aug 10 (S)
Aug 12-16
Sep 23-Oct 8 (N)
Oct 7-Oct 11
Dec 9-13

GEM 149L Pearl Grading

Mar 7
Apr 4
Apr 25
Jun 13
Jul 18
Aug 22
Dec 19

PROFESSIONAL DEVELOPMENT

Advanced Synthetic Diamond Seminar

Jun 24-25
Oct 15-16

CLASS DURATION AND HOURS

Monday-Friday Day Classes

Schedules may vary depending on holidays, breaks or other events.
For more details:

Carlsbad: GIA.edu/carlsbad-class-duration-hours or contact admissions@gia.edu

New York: GIA.edu/new-york-class-duration-hours or contact nyadmissions@gia.edu

Night and Weekend Classes

New York:

Monday-Thursdays:
On campus: 6:00 p.m. – 9:30 p.m.

Saturday: 8:00 a.m. – 4:00 p.m.

2019 Global Class Schedules

U.S. Seminars

LAS VEGAS, NV

Learn about lab classes and seminars offered through the American Gem Society, call +1 866 805 6500, option 4 or email AGSEducation@ags.org

LAS VEGAS, NV

GEMOLOGY

GEM 275L Identifying Laboratory-Grown Diamonds Seminar with Lab

May 31 – 9 a.m. (\$225)
May 31 – 2 p.m. (\$225)

TUCSON, AZ

Seminars offered during AGTA show.

GEMOLOGY

GEM 275L Identifying Laboratory-Grown Diamonds Seminar with Lab

Feb 8 (\$225)

GEM 275L Emerald: Country of Origin Determination Seminar with Lab

Feb 9 (\$225)

GEM 275L Low Temperature Heat Treatment of Mozambique Rubies and Basaltic Blue Sapphires Seminar with Lab

Feb 9 (\$225)

Classes are held at the Tucson Convention Center, 260 South Church, Tucson, AZ 86701.



Topaz Courtesy: Thomas M. Schnider

(N) = Nighttime; (S) = Saturday; (H) = Course includes both on-campus and self-paced study.

Class Duration: Please note class schedules may vary depending on holidays and breaks; please review the schedule carefully and plan accordingly.

* Dates offered on a standby basis. Call for availability. You will be placed on a wait list until 30 days prior to the start of your program or class when GIA can confirm your space availability. Schedules are subject to change without notice. For the latest schedules, see campus schedules at GIA.edu. Contact the campus to confirm availability and for additional information and details.

ON-CAMPUS PROGRAMS

BANGKOK GIAthai.net

GEMOLOGY

GEM 2500 Graduate Gemologist®

May 30–Dec 13

GEM 2200 Graduate Diamonds

Jan 31–Mar 29
May 30–Jul 26*
Oct 24–Dec 20

GEM 2300 Graduate Colored Stones

Jan 10–May 31*
Jul 25–Dec 13*

JEWELRY MANUFACTURING ARTS

JMA 370 Jewelry Design

Mar 7–May 10
Jul 11–Sep 13

DUBAI GIAmideast.com

GEMOLOGY

GEM 2200 Graduate Diamonds

Jan 17–Mar 14
Jun 27–Aug 22
Aug 22–Oct 17
Oct 31–Dec 26

HONG KONG GIA.edu

GEMOLOGY

GEM 2500 Graduate Gemologist®

May 23–Dec 20
Oct 17–Jun 12, 2020

GEM 2200 Graduate Diamonds

Jan 3–Mar 19 (Cantonese) (N) (M, Tu, Th) (H)
Jan 3–Mar 8
Mar 7–May 16 (Cantonese) (N) (M, Tu, Th) (H)
May 6–Jul 9 (Cantonese) (N) (M, Tu, Th) (H)
May 17–Aug 23 (Cantonese) (M, F) (H)
May 21–Aug 20 (Cantonese) (Tu, Th) (H)
May 23–Jul 19*
Jul 2–Aug 29 (N) (M, Tu, Th) (H)
Aug 5–Oct 17 (Cantonese) (N) (M, Tu, Th) (H)
Oct 8–Dec 5 (Cantonese) (N) (M, Tu, Th) (H)
Oct 17–Dec 13*

GEM 2300 Graduate Colored Stones

Jan 3–Jun 27 (Cantonese) (N) (M, Tu, Th) (H)
Jan 10–Jun 21
Jul 4–Dec 12 (Cantonese) (N) (M, Tu, Th) (H)
Jul 18–Dec 20*
Jan 2, 2020–Jun 12, 2020*

JEWELRY MANUFACTURING ARTS

JMA 370 Jewelry Design

Mar 7–May 17
Jul 25–Oct 4 (Cantonese)

LONDON London.GIA.edu

GEMOLOGY

GEM 2500 Graduate Gemologist®

Jan 31–Aug 16
Mar 14–Sep 27
Jun 6–Dec 20
Sep 26–Apr 24, 2020
Oct 24–May 22, 2020

GEM 2200 Graduate Diamonds

Jan 31–Mar 29*
Mar 14–May 10*
Jun 6–Aug 2*
Sep 26–Nov 22*
Oct 24–Dec 20*

GEM 2300 Graduate Colored Stones

Jan 3–May 24*
Mar 28–Aug 16*
May 9–Sep 27
Aug 1–Dec 20*
Nov 21–Apr 24, 2020*
Dec 19–May 22, 2020*

JEWELRY MANUFACTURING ARTS

JMA 370 Jewelry Design

Jan 10–Mar 15
Mar 28–May 31
Aug 15–Oct 18

JMA 400 Comprehensive CAD/CAM for Jewelry

Jun 13–Aug 2
Oct 31–Dec 20

MUMBAI GIAindia.in

GEMOLOGY

GEM 2500 Graduate Gemologist®

Jan 3–Jul 19
Feb 14–Aug 30
May 30–Dec 20
Jul 25, 2019–Feb 14, 2020

GEM 2200 Graduate Diamonds

Jan 3–Mar 1*
Jan 24–Mar 22
Feb 14–Apr 12*
Feb 21–Apr 19
Mar 28–May 24
Apr 25–Jun 21
May 30–Jul 26*
Jun 20–Aug 16
Jul 25–Sep 20*
Aug 22–Oct 18
Aug 29–Oct 25
Nov 7, 2019–Jan 3, 2020
Dec 5, 2019–Jan 31, 2020

GEM 2300 Graduate Colored Stones

Feb 28–Jul 19
Apr 11–Aug 30
Jul 25–Dec 20
Sep 19, 2019–Feb 14, 2020

JEWELRY MANUFACTURING ARTS

JMA 370 Jewelry Design

Feb 7–Apr 12
Apr 18–Jun 21
Sep 19–Nov 29
Dec 5, 2019–Feb 7, 2020

NEW DELHI GIAindia.in

GEMOLOGY

GEM 2500 Graduate Gemologist®

Mar 21–Oct 4

GEM 2200 Graduate Diamonds

Jan 10–Mar 8
Mar 21–May 17*
Nov 7, 2019–Jan 3, 2020

GEM2300 Graduate Colored Stone

May 16–Oct 4*

2019 Global Class Schedules

ON CAMPUS PROGRAMS (cont.)

SHANGHAI GIAtaiwan.com.tw

GEMOLOGY

GEM 2500 Graduate Gemologist®

Feb 22-Sep 6 (Chinese)
Jun 28-Jan 17, 2020 (Chinese)

GEM 2200 Graduate Diamonds

Feb 22-Apr 19* (Chinese)
Mar 9-May 25 (Chinese) (S)
Jun 28-Aug 23* (Chinese)
Jun 15-Aug 31 (Chinese) (S)
Sep 6-Nov 8 (Chinese)

GEM 2300 Graduate Colored Stones

Apr 19-Sep 6* (Chinese)
Jun 1-Jan 11, 2020 (Chinese) (S) (H)
Aug 23-Jan 17, 2020* (Chinese)

JEWELRY MANUFACTURING ARTS

JMA 370 Jewelry Design

Feb 22-Apr 26
Nov 8, 2019-Jan 10, 2020

SURAT GIAindia.in

GEMOLOGY

GEM 2200 Graduate Diamonds

Feb 7-Apr 5
May 16-Jul 12
Aug 16-Oct 11

TAIPEI GIAtaiwan.com.tw

GEMOLOGY

GEM 2500 Graduate Gemologist®

May 22-Oct 4 (Chinese)
Jul 5, 2019-Jan 17, 2020 (Chinese)
Nov 1, 2019-Jun 5, 2020 (Chinese)

GEM 2200 Graduate Diamonds

Mar 15-May 13 (Chinese) (N) (M, W, F)
Mar 22-May 17* (Chinese)
May 25-Aug 10 (Chinese) (S)
Jul 5-Aug 30* (Chinese)
Aug 9-Oct 7 (Chinese) (N) (M, W, F)
Oct 12-Dec 28 (Chinese) (S)
Nov 1-Dec 27* (Chinese)

GEM 2300 Graduate Colored Stones

Jan 4-Jun 6* (Chinese)
May 17-Oct 4* (Chinese)
Aug 30, 2019-Jan 17, 2020* (Chinese)

JEWELRY MANUFACTURING ARTS

JMA 370 Jewelry Design

May 3-Jul 5 (Chinese)
Aug 30-Nov 1 (Chinese)

LAB CLASSES AND PROFESSIONAL DEVELOPMENT

BANGKOK GIAthai.net

GEMOLOGY

GEM 220L Colored Stone Grading

Jan 21-23
Jul 1-3
Oct 15-17

GEM 230L Diamond Grading

Jan 7-11
Jun 17-21
Sep 30-Oct 4

GEM 240L Gem Identification

Jan 14-18
Jun 24-28
Oct 7-11

GEM 149L Pearl Grading

Jan 24
Jul 4
Oct 18

PROFESSIONAL DEVELOPMENT

Applied Jewelry Professional® (Intensive)

Jan 28-Feb 1
May 13-17
Nov 4-8

BIRMINGHAM London.GIA.edu

GEMOLOGY

GEM220L Colored Stone Grading

Jan 28-30
May 28-30
Sep 2-4
Nov 4-6

GEM 230L Diamond Grading

Jan 14-18
Jan 21-25
May 20-24
Jun 3-7
Sep 9-13
Sep 16-20
Oct 21-25
Oct 28-Nov 1

GEM 149L Pearl Grading

Jan 31
May 31
Sep 5
Nov 7

DUBAI GIAmideast.com

GEMOLOGY

GEM220L Colored Stone Grading

Apr 7-9
Jun 9-11
Oct 27-29

GEM230L Diamond Grading

Jan 6-10
Mar 24-28
Apr 28-May 2
May 19-23
Jun 23-27
Aug 11-15
Dec 15-19

GEM240L Gem Identification

Mar 31-Apr 4
May 5-9
Oct 20-24

GEM140L Pearl Grading

Apr 10
Jun 12
Oct 30

PROFESSIONAL DEVELOPMENT

Applied Jewelry Professional® (Intensive)

Jan 13-17
Apr 14-18 (Arabic)
Jun 16-20
Jul 21-25 (Arabic)
Sep 22-26
Nov 24-28 (Arabic)

SWIFT Jewellery Design

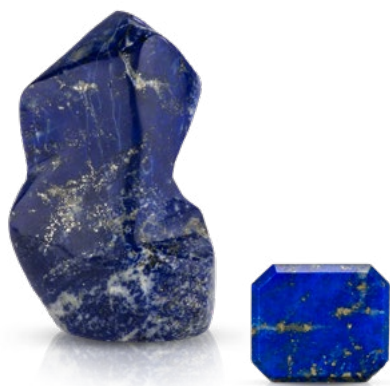
Feb 10-14
Jul 7-11
Nov 10-14

STUDENT WORKROOM

GIA Student Workrooms give you access to all the equipment and gemstones you need to complete the practical requirements of your Gem Identification course through eLearning.

Please contact the campus directly to schedule a workroom.

For information and availability of student workrooms please visit GIA.edu/gem-education/student-workroom



Lapis Lazuli Courtesy: Gift of Zohreh Amiri

(N) = Nighttime; (S) = Saturday; (H) = Course includes both on-campus and self-paced study.

Class Duration: Please note class schedules may vary depending on holidays and breaks; please review the schedule carefully and plan accordingly.

* Dates offered on a standby basis. Call for availability. You will be placed on a wait list until 30 days prior to the start of your program or class when GIA can confirm your space availability. Schedules are subject to change without notice. For the latest schedules, see campus schedules at GIA.edu. Contact the campus to confirm availability and for additional information and details.

2019 Global Class Schedules

LAB CLASSES AND PROFESSIONAL DEVELOPMENT (cont.)

HONG KONG GIA.edu

GEMOLOGY

GEM 220L Colored Stone Grading

Sep 2-4

GEM 230L Diamond Grading

Feb 18-22

Apr 1-30 (Cantonese) (N) (M, Tu, Th)

Apr 22-26 (Mandarin)

Sep 23-27

Oct 21-25 (Mandarin)

Nov 4-28 (Cantonese) (N) (M, Tu, Th)

GEM 240L Gem Identification

Sep 9-13

GEM 149L Pearl Grading

Apr 10 and 12 (Cantonese) (N) (W, F)

Jun 14

Jul 24 and 26 (Cantonese) (N) (W, F)

LONDON London.GIA.edu

See Birmingham listing on page 22 for Colored Stone Grading, Diamond Grading and Pearl Grading lab class offerings in the UK.

GEM 240L Gem Identification

Jan 7-11

Apr 29-May 3

Aug 19-23

Sep 30-Oct 4

PROFESSIONAL DEVELOPMENT

Advanced Synthetic Diamond Seminar

May 28-29

Sep 9-10

MUMBAI GIAIndia.in

GEMOLOGY

GEM 220L Colored Stone Grading

Feb 4-6

Dec 2-4

GEM230L Diamond Grading

Jan 7-11

Feb 18-22

Mar 25-29

Apr 22-26

May 27-31

Jun 24-28

Jul 22-26

Sep 9-13

Aug 19-23

Oct 21-25

Nov 18-22

Dec 23-27

GEM240L Gem Identification

Jan 28-Feb 1

Nov 25-29

GEM140L Pearl Grading

Feb 7

Dec 5

PROFESSIONAL DEVELOPMENT

Applied Jewelry Professional® (Intensive)

Jan 14-18

Feb 11-15

Nov 11-15

SWIFT Jewellery Design

Jan 21-25

Apr 15-19

Sep 16-20

Dec 2-6

Introduction to Merchandising

Jan 28-31

May 13-16

Nov 25-28

Advanced Synthetic Diamond Seminar

Aug 19

Aug 20

NEW DELHI GIAIndia.in

GEMOLOGY

GEM220L Colored Stone Grading

Oct 21-23

GEM230L Diamond Grading

Jan 7-11

Mar 11-15

Oct 7-11

Nov 4-8

PROFESSIONAL DEVELOPMENT

Applied Jewelry Professional® (Intensive)

Mar 18-22

Oct 14-18

SWIFT Jewellery Design

Jun 24-28

Sep 2-6

SURAT GIAIndia.in

GEMOLOGY

GEM 220L Colored Stone Grading

Apr 22-24

Nov 18-20

GEM230L Diamond Grading

Jan 14-18

Apr 8-12

May 13-17

Jul 15-19

Aug 12-16

Oct 14-18

Nov 11-15

Dec 9-13

PROFESSIONAL DEVELOPMENT

Applied Jewelry Professional® (Intensive)

Jan 21-25

Apr 15-19

Jul 22-26

SWIFT Jewellery Design

Jan 28-Feb 1

Apr 29-May 3

TAIPEI GIAtaiwan.com.tw

GEMOLOGY

GEM 220L Colored Stone Grading

Jan 28-30 (Chinese) (M, Tu, W)

Jul 1-3 (Chinese) (M, Tu, W)

Oct 28-30 (Chinese) (M, Tu, W)

GEM 230L Diamond Grading

Jan 14-18 (Chinese)

Mar 18-Apr 12 (Chinese) (N) (M, W, F)

Jun 1-29 (Chinese) (S)

Jun 17-21 (Chinese)

Aug 12-Sep 6 (Chinese) (N) (M, W, F)

Oct 14-18 (Chinese)

Oct 19-Nov 16 (Chinese) (S)

GEM 240L Gem Identification

Jan 21-25 (Chinese)

Jun 24-28 (Chinese)

Oct 21-25 (Chinese)

GEM 149L Pearl Grading

May 25 (Chinese) (S)

Oct 19 (Chinese) (S)

PROFESSIONAL DEVELOPMENT

Applied Jewelry Professional® (Intensive)

Mar 4-15 (Chinese)

Aug 5-16 (Chinese)

TOKYO giaeducationjapan@gia.edu

GEMOLOGY

GEM 230L Diamond Grading

Feb 18-22 (Japanese)

Apr 15-19 (Japanese)

Jun 17-21 (Japanese)

Aug 5-9 (Japanese)

Oct 7-11 (Japanese)

Dec 9-13 (Japanese)

GEM 130B Diamond Essentials Intensive

Feb 14-15 (Japanese)

Apr 11-12 (Japanese)

Jun 13-14 (Japanese)

Aug 1-2 (Japanese)

Oct 3-4 (Japanese)

Dec 5-6 (Japanese)

ATTENDING A GIA CAMPUS OUTSIDE THE UNITED STATES

To register in a program or lab class at a GIA® location outside the U.S., contact the respective campus directly.

GIA program and lab class curricula are standard worldwide, but schedules and specific offerings may vary by location.

To enroll in Distance Education courses where materials are written in English, submit your application to GIA in Carlsbad. To enroll in a Distance Education course where materials are written in any other language, please contact the respective GIA campus.

Contact information for GIA campuses can be found at GIA.edu/locations

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Carlsbad, CA 92008

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GIA Jewelry Career Fair

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careerfair.GIA.edu

Carlsbad, CA
October 11, 2019



GIA SCHOLARSHIPS

Application Periods:

February 1 to March 31

August 1 to September 30

Learn more at

GIA.edu/scholarships



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