



# GIA<sup>®</sup> EDUCATION

FOR GEM AND JEWELRY CAREERS



*Icy Pink Dahlia brooch designed by GIA alum, Feng Jie.  
Learn more on page 6.*

ON CAMPUS AND ONLINE

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*This brooch design was created by Belle Sin Ting Wong, GIA Jewelry Design graduate.*

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ACCREDITED BY

ACCSC

Accrediting Commission of Career Schools and Colleges

GIA's main campus and worldwide headquarters 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 programs only. GIA's online courses and Lab classes do not fall within the purview of GIA's institutional accreditation by the ACCSC. ACCSC is listed by the U.S. Department of Education as a nationally recognized accrediting agency.

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. 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 and other topics, visit GIA.edu/student-consumer-information ©2023 Gemological Institute of America. All rights reserved. No reproduction of logos or images is allowed without specific written request and approval by GIA. GIA®, the GIA logo and Gemological Institute of America® are registered trademarks of Gemological Institute of America, Inc.

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GRADUATE GEMOLOGIST



*Rough and Polish Spinel*  
*Courtesy of Nomad's Co. and William F. Larson*

ONLINE DIVISION

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ACCREDITED BY

DEAC

DISTANCE EDUCATION

GIA's online courses and lab classes are accredited by the Distance Education Accrediting Commission (DEAC).

World Headquarters, The Robert Mouawad Campus

5345 Armada Drive, Carlsbad, CA 92008 USA  
T +1 800 421 7250 ext 4000 T +1 760 603 4001  
E admissions@gia.edu

New York, Branch of Carlsbad Campus

50 W 47th Street, 8th Floor, New York, NY 10036 USA  
T +1 212 944 5900  
E nyadmissions@gia.edu



CAREER-BUILDING CREDENTIALS

*Whether you are creative, interested in technology, science, and beauty, or just love working with your hands, the gem and jewelry industry is the perfect place to showcase your talent.*

*Respected around the world, GIA offers a variety of diploma and certificate programs that can help you on your journey to a rewarding career.*

What makes GIA a leader in gem and jewelry education:

- Comprehensive curriculum covering diamonds, colored gemstones, pearls, and jewelry design, including computer-aided design and hand rendering
- Media-rich education programs informed by GIA's industry-leading technology, field research, and discoveries from the laboratory
- Flexible learning options for your gemology education online and on campus
- An immersive on-campus learning environment that emphasizes individualized attention and hands-on experience
- Diverse support resources, including financial assistance, scholarship opportunities for qualified candidates, and personalized career coaching
- The GIA Alumni Collective™, a 160,000-strong global alumni network with events, continuing education, and more

# ON CAMPUS DIVISION

Study at a GIA® campus and step into the exciting world of gemology and jewelry design. You'll immerse yourself in classwork that fires your imagination and helps prepare you for professional success. Create lifelong friendships and join an industry network that circles the globe.

### Faculty and Administrators

- GIA faculty have in-depth practical and theoretical knowledge of colored gemstones, diamonds, and pearls and share their experience working in the gem and jewelry industry.
- Our administrators and staff are dedicated to helping you succeed. In fact, many are GIA alumni and understand what it is like to study full time at a GIA campus.

### Programs

- Full-time programs run from seven to 26 instructional weeks.
- Year-round start dates let you begin when it fits your schedule.
- Studying on campus provides you access to a full range of GIA programs for gemology and jewelry arts.

### Classrooms

- Class sizes are small – typically 12 to 24 students – to maximize individual attention from instructors.
- Learn in modern classrooms using professional-grade equipment and software similar to what you will find on the job.

### Student Life

- Study with like-minded students who are as passionate about gems and jewelry as you are.
- Gain a global perspective on the gem and jewelry industry as you interact with an international student body.
- Participate in organized activities and social gatherings with your classmates.
- Hear from GIA researchers, industry leaders, and alumni at guest lectures or special seminars.



Each location offers a unique perspective into the gem and jewelry industry. Explore course offerings, schedules, and tuition for all our campuses at [GIA.edu/gem-education/campuses](https://GIA.edu/gem-education/campuses)

## GIA CAMPUSES SPAN THE GLOBE



**BANGKOK**  
[Bangkok.GIA.edu](https://Bangkok.GIA.edu)

The world's colored gemstone capital is also home to GIA's field gemology department.

 @GIAThailand  
 @GIAThailand



**CARLSBAD**  
[Carlsbad.GIA.edu](https://Carlsbad.GIA.edu)

GIA World Headquarters and the largest campus overlooks the Pacific Ocean in California.

 @GIAEducation



**HONG KONG**  
[HongKong.GIA.edu](https://HongKong.GIA.edu)

The heart of the jewelry import and export trade in Asia and home to many Chinese jewelry companies.

 @GIAHongKong



**LONDON**  
[London.GIA.edu](https://London.GIA.edu)

Home to some of the world's most prestigious auction houses and the finest jewelers.

 @GIALondon



**MUMBAI**  
[GIAIndia.in](https://GIAIndia.in)

India's financial center and the world's largest diamond trading hub. Courses are also taught in New Delhi and Surat.

 @GIAIndia



**NEW YORK**  
[NewYork.GIA.edu](https://NewYork.GIA.edu)

Located in Manhattan's famed Diamond District near many of the world's biggest luxury retailers.

 @GIAEducation



**TAIPEI**  
[GIATaiwan.com.tw](https://GIATaiwan.com.tw)

This high-tech city features many luxury retailers and is well-known for its skilled jewelry designers.

 @GIATaiwan

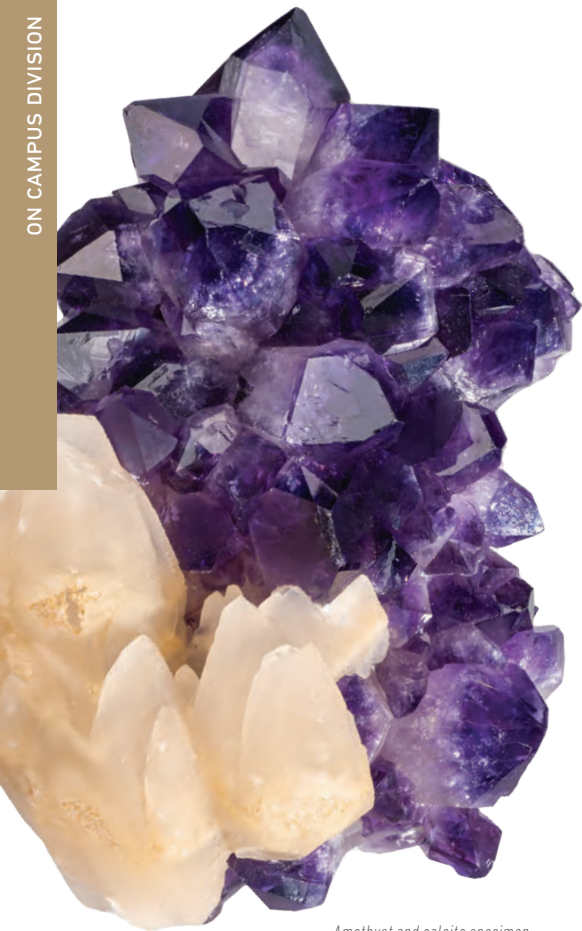
Learn about educational opportunities in China.

WeChat



Weibo





Amethyst and calcite specimen  
from Artigas, Uruguay.  
Courtesy of Michael Evans

**GIA Graduate Gemologists  
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  
Jewelry Sales Professional  
Lab and Research Professional  
Merchandiser  
Pawnbroker  
Retailer  
Sales Associate  
Wholesaler

Contact Career Services for more  
information: [careerservices@gia.edu](mailto:careerservices@gia.edu)

# GRADUATE GEMOLOGIST®

## 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.

**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, color and other market factors affect value
- Determine how market factors affect gem value

**Program Duration:** 26 instructional weeks

**How to Earn Your Diploma:** Study full-time at GIA® campuses worldwide.

**Schedule:** View at [GIA.edu/gem-education/schedules](https://GIA.edu/gem-education/schedules)



Learn more at  
[GIA.edu/GG](https://GIA.edu/GG)



**Feng Jie** combines the gemological knowledge she learned at GIA with her design training to produce stunning modern and collectible jewelry pieces.

**On the cover:** Feng's design of the Icy Pink Dahlia brooch features a 16.3ct moonstone, surrounded by double rose-cut pink sapphires and tanzanites, and white diamonds set in 18k gold.



# GRADUATE DIAMONDS

## The Tremendous, Treasured and Timeless Diamond

The GIA 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.

**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 diamond treatments, simulants and laboratory-grown diamonds
- Recognize when advanced testing is required

**Program Duration:** 7 instructional weeks

**How to Earn Your Diploma:** Study full-time at GIA® campuses worldwide.

**Schedule:** View at [GIA.edu/gem-education/schedules](https://GIA.edu/gem-education/schedules)



Learn more at  
[GIA.edu/GD](https://GIA.edu/GD)



Asscher cut diamond



**Gerard Alexander** founded the Los Angeles-based bespoke jewelry brand, Saint Jewels, and now designs jewelry for actors and professional athletes.



**GIA Graduate Diamonds  
graduates often choose  
these careers:**

Auction House Jewelry Specialist  
Diamond Assorter  
Diamond Buyer  
Diamond Grader  
Jewelry Business Owner  
Jewelry Sales Professional  
Retailer  
Wholesaler

Contact Career Services for more  
information: [careerservices@gia.edu](mailto:careerservices@gia.edu)





Rough crystal of aquamarine on quartz with schorl  
Courtesy: Neal Litman Company

**GIA Graduate Colored Stones graduates often choose these careers:**

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

Contact Career Services for more information: [careerservices@gia.edu](mailto:careerservices@gia.edu)

# GRADUATE COLORED STONES

## Countless Colors, Limitless Possibilities

The Graduate Colored Stones diploma program explores more than 60 species of common and collector gemstones found in the marketplace. Subjects covered include the GIA Colored Stone Grading System, gemstone formation, composition, sources and how to distinguish natural, treated and laboratory-grown gemstones. The program examines which gems are commercially important, shifting supply patterns, and how these factors affect gem prices and availability.

**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

**Program Duration:** 19 instructional weeks

**How to Earn Your Diploma:** Study full-time at GIA® campuses worldwide.

**Schedule:** View at [GIA.edu/gem-education/schedules](https://gia.edu/gem-education/schedules)



Learn more at [GIA.edu/GCS](https://gia.edu/GCS)



Peridot, Rough and Polish  
Courtesy: (Rough) William Larson, Palagems.com,  
(Cut) Stephen M. Avery

# JEWELRY DESIGN

## Illustrate Your Way to a Promising Future

In this intensive nine-week course, instructors teach the 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 completion of this course, you will have a hand-developed portfolio of your work and a digital copy to show prospective employers and clients.

**What You Will Learn:**

- Develop sources of inspiration
- Understand jewelry design theory and artistry
- Illustrate the shape, form, and texture of metal
- Render faceted gems, pearls, colored metals, and more
- 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

**Program Duration:** 9 instructional weeks

**How to Earn Your Certificate:** Study full-time at GIA® campuses worldwide.

**Schedule:** View at [GIA.edu/gem-education/schedules](https://gia.edu/gem-education/schedules)



Learn more at [GIA.edu/JD](https://gia.edu/JD)



**Brittany Myers** started creating jewelry at an early age. Her passion for the jewelry industry and client satisfaction led her first to Tiffany & Co. where she held a management position and then to Van Cleef & Arpels, where she is currently the Assistant Manager of Client Development, Americas Region.



Hand-rendered necklace design  
by Bahjat Hammoud Oman,  
GIA Jewelry Design graduate.

**GIA Jewelry Design graduates often choose these careers:**

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

Contact Career Services for more information: [careerservices@gia.edu](mailto:careerservices@gia.edu)

CAREERS IN GEMS & JEWELRY

Careers in gems and jewelry enable you to work with some of the earth's rarest and most valuable natural resources, create beautiful objects of your own design, and help bring joy to others as they celebrate life's important milestones. A GIA® education can provide the knowledge, hands-on skills and professional network that will help you succeed in whatever path you choose in this exciting industry.



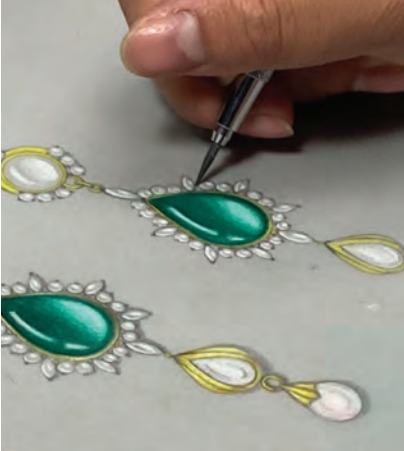
Gem Discovery & Rough Sales

Gems are discovered and mined or harvested all over the world. These uncut gems (known as "rough") are bought by brokers, dealers and cutters who process the gems by shaping and polishing them before selling to wholesalers. Trained gemologists are vital to this process by helping to determine the quality and profitability of new gem deposits. They also help buyers and sellers evaluate the characteristics of rough gemstones which will influence their value as they move down the supply chain.



Gem Identification & Grading

A gem's value may be based on many factors including its rarity, size, shape, color, clarity and any enhancement treatments it may have received. Gemologists trained in the global standards of gem grading and identification provide reports used by wholesalers, retailers and customers to confidently compare the features of gems and assess quality and value. These skills are employed in a variety of settings from large grading laboratories to your local jewelry retailer, pawnshop, auction houses and independent appraisers.



Jewelry Design & Craftsmanship

Jewelry designers and bench jewelers blend artistic ability, craftsmanship and engineering knowledge, old world techniques, and the latest technology to create the jewelry we love. Designers start with hand- or digitally-rendered sketches that may then be developed further using computer-aided design (CAD) software. Bench jewelers at large manufacturers often specialize in gemstone setting or finishing, while those in smaller shops may take a piece from casting to the finished polish. Independent jewelers may combine all these skills to produce custom pieces for their clients.



Gem & Jewelry Sales

Jewelry helps mark many joyful and significant events, such as weddings, anniversaries, graduations and birthdays. For each of these occasions, gem and jewelry sales professionals have the rewarding task of helping clients select the perfect piece based on factors such as value, functionality and aesthetics. Sales professionals work in nearly every sector of the gem and jewelry industry from your local jewelry store, online sales support, auction houses, as well as countless vital support services.



Starting Your Own Business

New businesses can start in any of the career sectors from gem discovery to jewelry sales. Possibilities include opening an online store, design house or appraisal business, to becoming a gem wholesaler or independent bench jeweler. A successful entrepreneur embodies many skills beyond their core passion, whether it is gemology, design or hand-crafting jewelry. You'll need to have an understanding of sales and other important aspects of business including marketing and finance. Opportunities are only limited by your resources and imagination.

Offered through:

- On Campus Division
- Online Division

RELATED GIA CREDENTIALS

Graduate Gemologist®	On Campus	Online
Graduate Diamonds	On Campus	Online
Graduate Colored Stones	On Campus	Online
Graduate Pearls	Online	Online
Applied Jewelry Professional™	Online	Online
Jewelry Design & Technology	On Campus	Online
Jewelry Design	On Campus	Online
Comprehensive CAD/CAM for Jewelry	On Campus	Online

Potential Careers

- Lab or Research Professional
- Diamonds, Colored Stone or Pearl Assorter
- Diamonds, Colored Stone or Pearl Grader

Potential Careers

- Bench Jeweler
- Custom Order Jeweler
- Jewelry Repair Technician
- Stone Setter
- CAD Designer
- Jewelry Designer
- Product Developer
- Quality Assurance Specialist

Potential Careers

- Inventory Control Specialist
- Diamonds, Colored Stone and Pearl Retail Sales Associate
- Gem and Jewelry Buyer
- Pawnbroker
- Estate Jewelry Dealer
- Appraiser
- Auction House Specialist

Potential Careers

- Jewelry Business Owner
- Custom Order Jeweler
- Custom Jewelry Designer
- Retailer
- Wholesaler
- Appraiser
- Estate Jewelry Dealer

SUPPORTING YOUR EDUCATION

GIA Scholarships

GIA offers a variety of scholarships to help you achieve your education goals. Even better, you only have to fill out one online application to be considered for all of the appropriate scholarships. Available for the following GIA locations: Bangkok, Carlsbad, Hong Kong, London, Mumbai, New York, and Taipei. On Campus Division: available to those who qualify in full-time on-campus programs Online Division: available to those who qualify in lab classes and online courses

GIA.edu/scholarships

Financial Aid Options for Carlsbad and New York Campuses

Federal Student Aid (Loans and Grants)

Financial aid is money to help pay for eligible six-month, full time, on-campus students who are U.S. citizens or hold U.S. permanent resident status and are applying to qualifying GIA programs. Federal grants, through the U.S. Department of Education, are available for eligible fulltime on-campus students who are U.S. citizens or hold U.S. permanent resident status and are applying to qualifying GIA programs. Apply at least four to six weeks prior to your anticipated start date.

GIA.edu/gem-education-financial-aid

Veterans Administration Education Benefits

Students with eligible VA GI Bill® Education Benefits may use them for select on-campus programs.

GIA.edu/va-gi-bill-benefits

GIA Career Services

Our experienced career advisors are here to help as you develop your career plans and find a job in the gem and jewelry industry after graduation. GIA career services include the Gem & Jewelry Career Center, a premier online job board, and the Job Seeker's Handbook, a guide to help you develop your resume, portfolio, and interview skills.

GIA.edu/gem-job

Join the Global GIA Alumni Network

After successfully completing a GIA program or online course, students become part of our global alumni community. The GIA Alumni Collective™ connects graduates to an open, inspirational, and passionate community that cultivates a lifetime of success. Our alumni engage with one another through chapter meetups, industry events, and the online GIA Alumni Community.

Collective.GIA.edu



Student ring design and CAD rendering by Hannah Martin-Oslyn, GIA JDT graduate.





## Discover Talent and Career Opportunities in the Gem & Jewelry Industry

Recruiters • Industry Organizations • Career Coaching • Networking • Industry Insights

New York – March 13, 2023

London – July 14, 2023

Carlsbad – October 6, 2023

Learn more at [careerfair.GIA.edu](https://careerfair.GIA.edu)



Student earring design and CAD by Joseph Charles GIA Jewelry Design & Technology graduate

### GIA Jewelry Design & Technology graduates often choose these careers:

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

Contact Career Services for more information: [careerservices@gia.edu](mailto:careerservices@gia.edu)

## JEWELRY DESIGN & TECHNOLOGY

### Skills From Concept to Counter

The Jewelry Design & Technology diploma program covers topics including building a CAD model of jewelry to 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: understanding and applying motifs to jewelry, and jewelry manufacturing methods.

#### 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
- Design and develop CAD model engineering concepts to make durable and comfortable pieces that are long lasting
- Create, render and prototype designs using Rhinoceros and ZBrush software, and a 3D printer
- Understand manufacturing processes for the creation of jewelry for casting
- 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

**Program Duration:** 26 instructional weeks

**How to Earn Your Diploma:** Study full-time at GIA® campuses in Carlsbad and New York

**Schedule:** View at [GIA.edu/gem-education/schedules](https://GIA.edu/gem-education/schedules)



Learn more at [GIA.edu/JDT](https://GIA.edu/JDT)



**Michelle Ma & Monica Bern** launched Modern Mood Body Jewelry which provides fine piercing jewelry to piercing studios around the world.



## COMPREHENSIVE CAD/CAM FOR JEWELRY

### The Driving Force in Jewelry Design & 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 rendering and additive CAM (Computer-Aided Manufacturing) machines, jewelry manufacturing techniques, and jewelry-engineering fundamentals.

#### What You Will Learn:

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

**Program Duration:** 7 instructional weeks

**How to Earn Your Certificate:** Study full-time at GIA® campuses in Carlsbad, London and New York.

**Schedule:** View at [GIA.edu/gem-education/schedules](https://GIA.edu/gem-education/schedules)



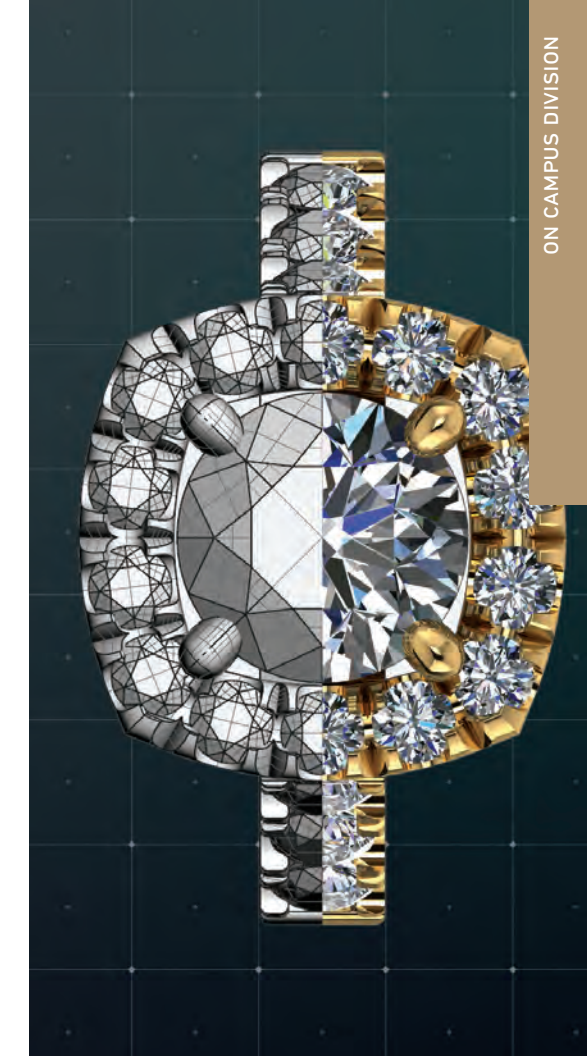
Learn more at [GIA.edu/CCC](https://GIA.edu/CCC)



Pendant CAD rendering by Sana Spoto, Comprehensive CAD/CAM for Jewelry graduate.



**Josefina Baillères** earned the Graduate Gemologist diploma and a CAD/CAM certificate at GIA right out of high school. She then went on to study Fashion Design at Parsons School of Design. Soon after, she combined her love for gems with her passion for fashion to start designing bespoke jewelry and launch her own company—Josefina Jewelry.



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

CAD Technician  
Jewelry CAD Technician  
Jewelry Designer  
Product Developer

Contact Career Services for more information: [careerservices@gia.edu](mailto:careerservices@gia.edu)



# ONLINE DIVISION

Earn a GIA gemology diploma by completing a combination of self-paced, online courses and short, instructor-led lab classes to gain the knowledge and skills you'll need to advance your career.

### Online Courses

- Study whenever and wherever you want, then submit assignments and take exams through our easy-to-use online platform. Internet access required.
- Complete each course at your own pace with completion times ranging from three to 24 months.



Learn more at [GIA.edu/online-division](https://www.gia.edu/online-division)

### Lab Classes

- Develop your gem grading and identification skills expert guidance and support of a GIA instructor.
- Learn to use professional gemological equipment.
- Take lab classes at any of the GIA campuses worldwide.

### Faculty

- Instructors for online courses offer a unique mix of industry experience and gemology expertise, and are available to answer questions and help guide students through their coursework.

[GIA.edu/distance-ed-faculty](https://www.gia.edu/distance-ed-faculty)

### Student Workrooms

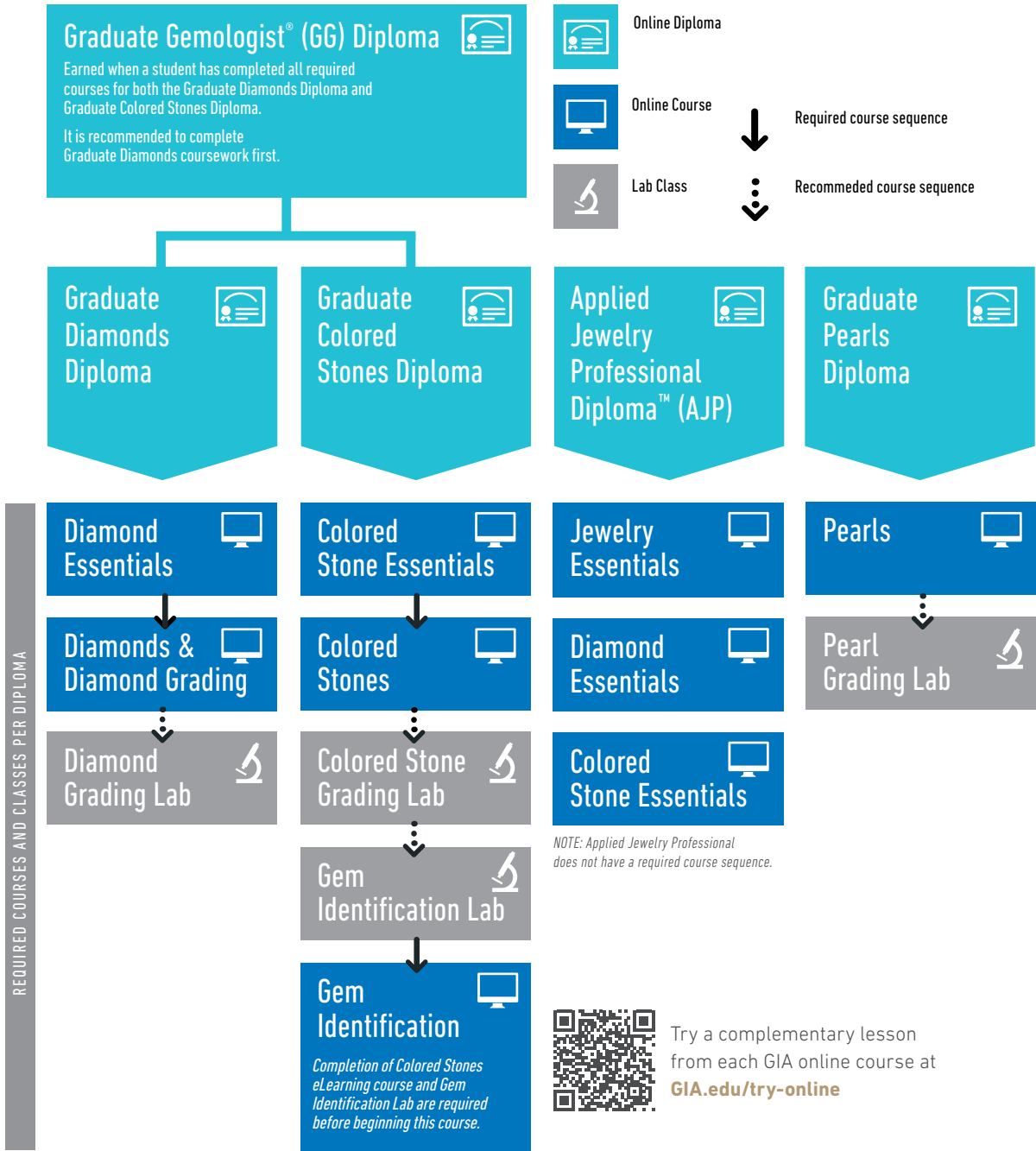
- Many GIA campuses and locations feature a Student Workroom designed to give Online Division students a place to practice using gemological equipment and gemstones, take a proctored online exam, or complete the practical requirements of your Gem Identification course. Availability, schedules and costs vary by location.

[GIA.edu/student-workroom](https://www.gia.edu/student-workroom)

# HOW TO EARN YOUR ONLINE CREDENTIAL

## Required Online Courses and Lab Classes

Learn more about these courses on pages 18-21.



# GRADUATE GEMOLOGIST DIPLOMA

The GIA Graduate Gemologist® online diploma coursework delivers a comprehensive gemology education on diamonds and colored stones. Using the latest gemological equipment, students work with real diamonds and gemstones under the trained eyes of GIA instructors. Through extensive lab work, students practice identifying and grading diamonds and colored stones in an efficient, accurate and consistent manner.

Earn the Graduate Gemologist Online Diploma by completing all required online courses and lab classes listed on pages 18-19 for the Graduate Diamonds (GEM 130, GEM 230, GEM 230L) and Graduate Colored Stones (GEM 120, GEM 220, GEM 220L, GEM 240L, GEM 240) diplomas.

## GRADUATE DIAMONDS DIPLOMA

The Graduate Diamonds online diploma coursework examines the technical expertise needed to grade, buy, and sell diamonds with the insight of a seasoned professional. Coursework explores the GIA diamond grading procedures to assess the 4Cs – color, clarity, cut and carat weight – and how they affect diamond value.

REQUIRED COURSEWORK TO EARN THE GIA GRADUATE DIAMONDS ONLINE DIPLOMA

Enroll in each course separately.

**GEM 130 Diamond Essentials Online Course**  
*Self-paced; maximum completion time: 3 months*

This course covers how to describe diamond jewelry accurately for effective and ethical sales conversations with customers. Key topics examined include the internationally accepted GIA clarity grading system, how diamonds are graded for color and how color affects value. Coursework includes how modern technology is changing the way diamonds are cut, the relationship between size and weight and how retail jewelry stores operate.

**GEM 230 Diamonds & Diamond Grading Online Course**  
*Self-paced; maximum completion time: 15 months*

This course covers the skills needed to grade the color, clarity and cut of diamonds. Subjects explored include determining proportions and estimate weight; the fundamentals of diamond treatments, simulants and laboratory-grown diamonds; and the effect of fluorescence on diamond body color. Other topics discussed include the role cut plays in the marketplace; the technical knowledge needed to make effective buying and selling decisions; and other segments of the diamond industry – dealing, cutting, manufacturing.

**GEM 230L Diamonds Grading Lab Class**  
*In-person, instructor-led: 5 days*

Through a unique combination of hands-on training, one-on-one coaching and multimedia, the Diamond Grading Lab class explores how to grade diamonds consistently and accurately using a modern gem microscope and a loupe. Students study GIA's International Diamond Grading System™, explore time-saving shortcuts to determine a variety of grading factors, and are introduced to methods for reading a GIA Diamond Grading Report. You will spend more than 16 hours practicing grading techniques on diamonds that were carefully selected and graded by GIA. In the process, you will study how to recognize the most common diamond features.

# GRADUATE COLORED STONES DIPLOMA

The Graduate Colored Stones online diploma coursework explores more than 60 species of common and collector gemstones found in the marketplace. Subjects covered include the GIA Colored Stone Grading System, gemstone formation, composition, sources and how to distinguish natural, treated and laboratory-grown gemstones.

REQUIRED COURSEWORK TO EARN THE GIA GRADUATE COLORED STONES ONLINE DIPLOMA

Enroll in each course separately.

**GEM 120 Colored Stones Essentials Online Course**  
*Self-paced; maximum completion time: 3 months*

This course provides basic, essential knowledge of colored stones, with an in-depth focus on the “Big Three” of the gemstone world: ruby, sapphire and emerald. Subjects covered include the language of colored stones; color's powerful role in gemstone value and the unique characteristics of popular colored stones; and how color, clarity, cut and carat weight affect a gem's value.

**GEM 220 Colored Stones Online Course**  
*Self-paced; maximum completion time: 18 months*

The next step after Colored Stone Essentials, this course provides in-depth knowledge about the multitude of colored stones sold in today's market. Topics include: which gems are commercially important and why, the differences in gem values and shifting supply patterns, and how these factors affect gem prices and availability.

**GEM 220L Colored Stone Grading Lab**  
*In-person, instructor-led: 3 days*

Through extensive hands-on practice using gemstones, you will explore grading the color, clarity and cut quality of a wide range of colored stones. Coursework includes the study of the GIA Colored Stone Grading System; how to describe color by hue, tone and saturation; and how to judge gem quality factors. Topics also include the relationship between light and color and developing color memory. Study of this content can improve the consistency and accuracy of colored stone grading skills.

**GEM 240L Gem Identification Lab**  
*In-person, instructor-led: 5 days*

In this lab, students practice the same time-tested procedures and identification skills used by the Institute's renowned gemological experts. Students use gemological instruments to practice identifying natural and laboratory-grown gemstones, imitations and assembled stones. Along with this hands-on training, your instructors will carefully demonstrate key tests and coach you in quick, effective testing procedures.

**GEM 240 Gem Identification Online Course**  
*Self-paced; maximum completion time: 24 months*

Practice identifying over 500 individual gemstones including more than 60 species, distinguishing natural from laboratory-grown gems and detecting gem treatments. You will carry out testing procedures and techniques on sets of practice stones. Study the latest gem treatments in the market today, and how illumination techniques can facilitate the identification process. Additionally, the course covers how – and when – to use gemological laboratory services and how to use gem identification skills to protect your business from costly mistakes.



Learn more at  
[GIA.edu/online-division](https://www.gia.edu/online-division)

# APPLIED JEWELRY PROFESSIONAL™ DIPLOMA

This diploma program coursework provides clear and concise information that can be immediately implemented on the job, including basic information about diamonds, rubies, emeralds and sapphires. Other topics include jewelry design, setting styles, jewelry care and how to translate jewelry features into benefits that will support the product knowledge of current industry professionals.

**REQUIRED COURSEWORK TO EARN THE GIA APPLIED JEWELRY PROFESSIONAL ONLINE DIPLOMA** Enroll in each course separately.

**GEM 110 Jewelry Essentials Online Course**  
*Self-paced; maximum completion time: 3 months*

This course examines jewelry's important features and how they combine to give a piece its unique value. Content includes the unique qualities of precious metals, how to describe them to customers, and how to identify jewelry types and styles, using industry terms to describe them. Coursework also includes an examination of the different jewelry manufacturing methods, and how they can affect style, appearance and durability. Other topics include how precious metals are regulated, marketed and tested, and the key components of a compelling product presentation.

**GEM 120 Colored Stones Essentials Online Course**  
*Self-paced; maximum completion time: 3 months*

This course provides basic, essential knowledge of colored stones, with an in-depth focus on the “Big Three” of the gemstone world: ruby, sapphire and emerald. Subjects covered include the language of colored stones; color’s powerful role in gemstone value and the unique characteristics of popular colored stones; and how color, clarity, cut and carat weight affect a gem’s value.

**GEM 130 Diamond Essentials Online Course**  
*Self-paced; maximum completion time: 3 months*

This course covers how to describe diamond jewelry accurately for effective and ethical sales conversations with customers. Key topics examined include the internationally accepted GIA clarity grading system, how diamonds are graded for color and how color affects value. Coursework includes how modern technology is changing the way diamonds are cut, the relationship between size and weight and how retail jewelry stores operate.



An award-winning designer, **Chamal Jayaratna** hails from Sri Lanka, studied in Thailand and leads design teams in Australia and France.



# GRADUATE PEARLS DIPLOMA

Learn the product knowledge and grading skills to effectively buy inventory and 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.

**REQUIRED COURSEWORK TO EARN THE GIA GRADUATE PEARLS ONLINE DIPLOMA** Enroll in each course separately.

**GEM 149 Pearls**  
*Self-paced; maximum completion time: 6 months*

This course examines how to buy and sell akoya, South Sea, Tahitian and freshwater pearls with insight and skill; and GIA's 7 Pearl Value Factors™: size, shape, color, luster, surface quality, nacre quality and matching. You will be taught the difference between natural and cultured pearls, post-harvest treatments, imitation pearls and pearl testing.

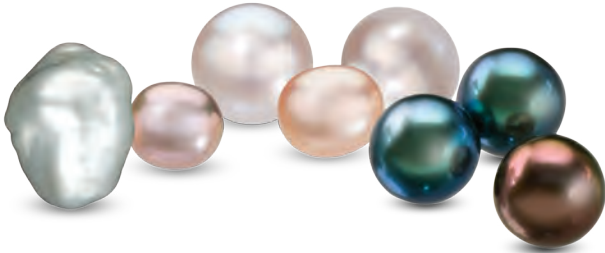
**GEM 149L Pearl Grading Lab**  
*In-person, instructor-led: 1 day*

Discover how the world's foremost experts determine the quality of akoya, freshwater, South Sea, and Tahitian pearls. Explore GIA's 7 Pearl Value Factors™. Key topics include how to evaluate cultured pearls in order to promote the relationship between beauty, value and quality in merchandise.



Learn more at  
**GIA.edu/online-division**

*Cultured pearls (left to right) Mastoloni baroque pearl, small fancy pink and peach off-round cultured freshwater pearls, round white Australian cultured pearls, Tahitian cultured black pearls. Courtesy: Mastoloni, New York, NY, Private Collector and Mona Lee Nesseth, Custom Estate Jewels.*



*Tahitian pearl necklace*



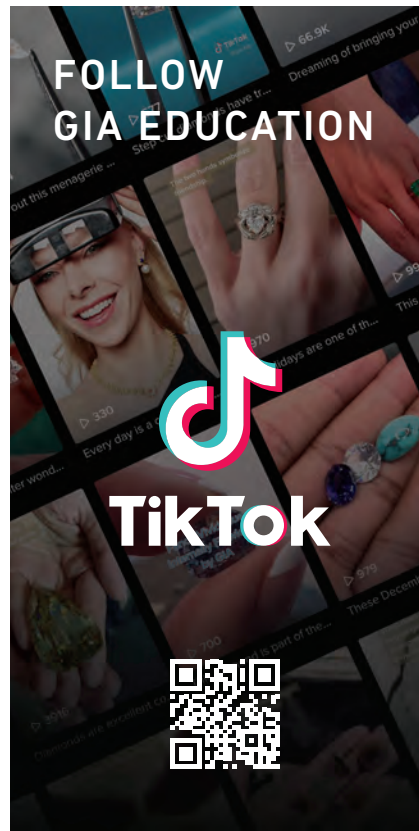
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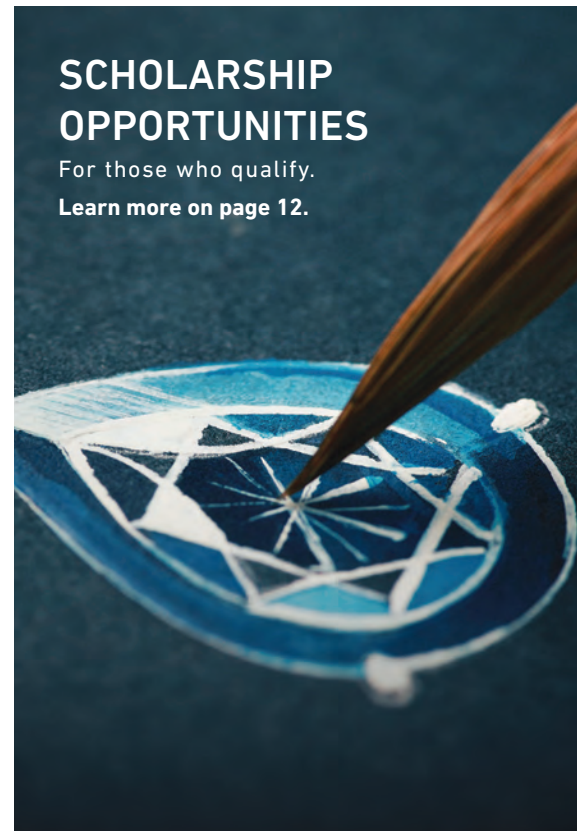

**RESOURCES FOR  
CAREER COUNSELORS**

Learn how to help transform your students' interest in jewelry, gems, and design into a career at [GIA.edu/counselors](https://gia.edu/counselors)



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**SCHOLARSHIP  
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For those who qualify.  
**Learn more on page 12.**



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