



GIA®

SUMMER 2016

EDUCATION

Quarterly



HOOPE DREAMS

NBA Championship Rings

GIA GRADUATE GEMOLOGIST
The Gem and Jewelry Industry's
Most Prestigious Credential

What Are Your Professional Goals?

It's a good question to ask every once in a while. If getting ahead in the gem and jewelry industry is your answer, then GIA can help you achieve these aspirations.

Having a GIA diploma and credentials after your name is a passport to a new world of opportunities. You demonstrate that

you are serious about your profession, and that you've developed the skills and knowledge to succeed.

Consider how GIA can help make it a reality. And then get ready to start creating the tomorrow of your dreams.

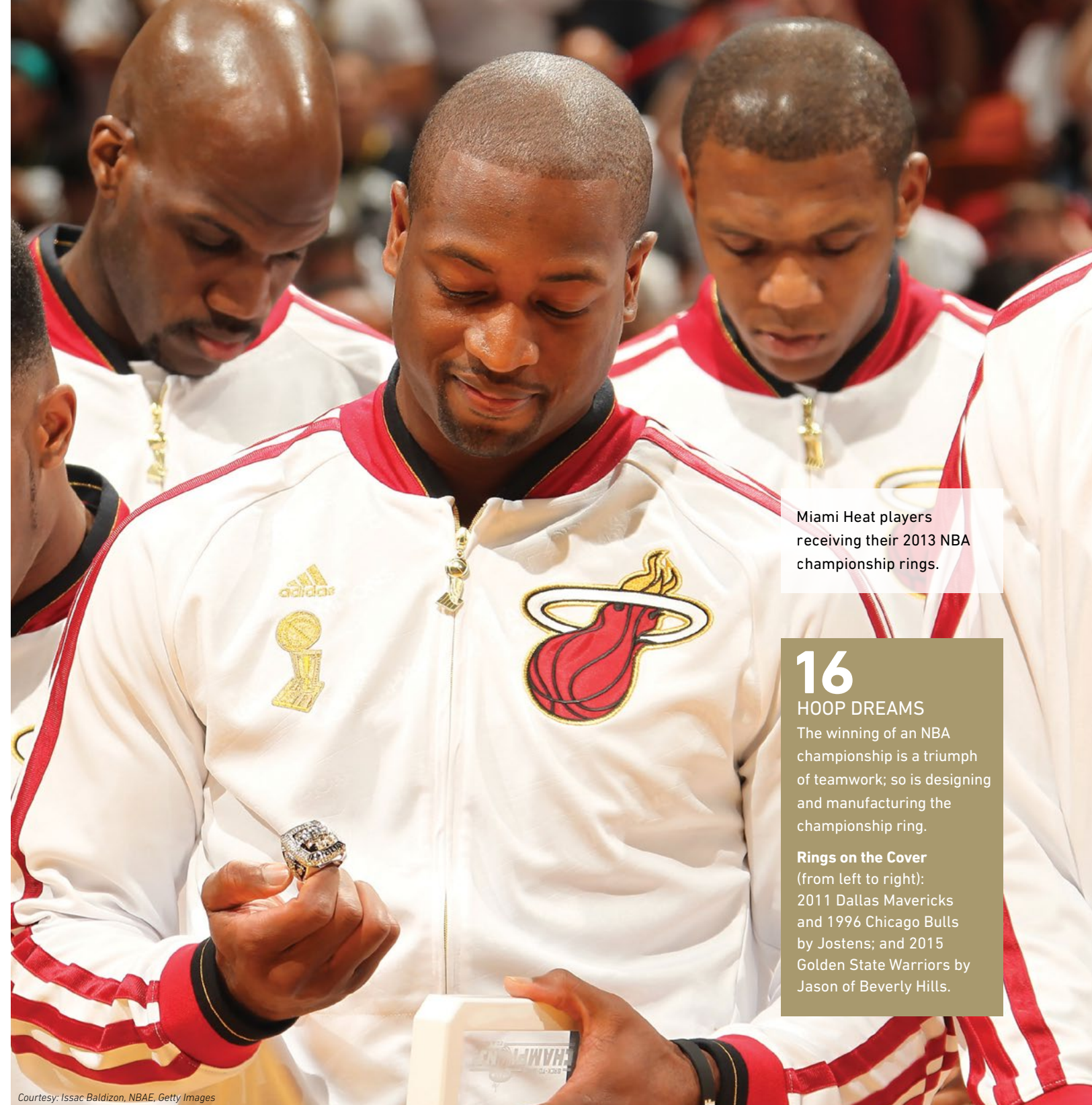
TABLE OF CONTENTS

GG Graduate Gemologist Diploma.....	5	 Distance Education Learn from an industry leader, on your schedule, with GIA Distance Education.....	6
AJP Applied Jewelry Professional Diploma.....	8	eLearning Course Descriptions, Tuition and Fees.....	28
GD Graduate Diamonds Diploma.....	9	 Study on Campus Study at a GIA campus for hands-on experience in the world of gemology and jewelry design.....	14
GP Graduate Pearls Diploma.....	9	On-Campus Program/Course Descriptions, Tuition and Fees.....	26
GCS Graduate Colored Stones Diploma.....	12	 Lab Classes The ideal blend of classroom instruction and hands-on learning.....	13
JDT Jewelry Design & Technology Diploma.....	18	Jewelry Manufacturing Arts Lab Class Descriptions, Tuition and Fees.....	20
GJ Graduate Jeweler Diploma.....	19	Gemology Lab Class Descriptions, Tuition and Fees.....	29
CCC Comprehensive CAD/CAM for Jewelry Certificate.....	20	 U.S. Class Schedules	21
JD Jewelry Design Certificate.....	20	International Class Schedules	23

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



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



Miami Heat players receiving their 2013 NBA championship rings.

16
HOOP DREAMS
The winning of an NBA championship is a triumph of teamwork; so is designing and manufacturing the championship ring.
Rings on the Cover
(from left to right): 2011 Dallas Mavericks and 1996 Chicago Bulls by Jostens; and 2015 Golden State Warriors by Jason of Beverly Hills.

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4
Lonnie McCulloch
From "rocket scientist" to rock scientist, Lonnie shares his journey to earning his Graduate Gemologist diploma.



10
Your Diploma. Your Career.
Explore four career opportunities in the gem and jewelry industry.



30
GIA in London
Centrally located in one of the world's most dynamic cities, a campus remodel paves the way for a high-tech CAD/CAM course.

Lonnie McCulloch

From “Rocket Scientist” to Rock Scientist

When Lonnie McCulloch was growing up, he had a picture in his bedroom of a naval submarine breaching the water. Scotty, who kept systems running as the chief engineer on *Star Trek’s* Starship Enterprise, was his hero. So his joining the U.S. Army and eventually becoming an engineer at the Idaho National Engineering Laboratory fulfilled his childhood dreams.

Along the way, Lonnie earned undergraduate degrees in mechanical engineering, manufacturing engineering technology and mathematics from the University of Idaho; a master’s degree in engineering from Idaho State University; and a master’s degree in project management from George Washington University.

The transition from being an engineer at a nuclear power plant to a gemologist

I worked for Westinghouse and Lockheed-Martin, and then Motorola, where I managed a team of engineers and technicians manufacturing computer chips. I was looking for a way to unwind from the stress of my job, and a friend suggested learning gemstone faceting – which I enjoyed tremendously. While selling some of my faceted Montana sapphires, I met Peter Henry, owner of Market Square Jewelers in Dover, New Hampshire. Viewing his extensive gem collection introduced me to a wider world of gemstones. In 2001, I was able to retire from engineering to focus on my new passion for gems.

Studying through GIA Distance Education

GIA has always been regarded as the Harvard of the gem industry. Its reputation for uncompromising standards and research are legendary. I wanted to study at GIA but could never find enough time to attend classes at a GIA campus. Two years ago, I was in Jaipur, India and searching the Internet for gem information. One of the hits directed me to the GIA website and I read about its distance education program. I signed up for my first course that night and within three weeks had completed two courses.

Gem traveling

Gemology became my new career. I have traveled to Sri Lanka, India, Colombia, Brazil, Cambodia, Belize, Peru, Israel and Thailand, with Peter or other associates, to purchase the finest diamonds, emeralds, rubies, sapphires and a variety of colored gems. We were some of the first people to buy gem-quality Taaffeite and Jeremejevite.

The GIA experience

The best part about attending GIA was interacting with knowledgeable instructors and helpful staff. Every GIA staff member I have met has been professional and provided positive encouragement and support. I also have a great network of GIA alumni. In addition to being wonderful friends, these contacts are invaluable for education, gem sourcing and advice.

After graduation

My GIA GG diploma lets my clients know the gems I buy for them are backed by the education, testing and analysis taught to me by GIA. They have confidence that the gems I purchase for them are genuine and as described.

Recommending GIA to others

Anyone involved in the gemology industry, from mining and gem sales to jewelry design, manufacturing and research, will significantly enhance their worth to any employer with a GIA education. Graduates join a group of GIA alumni representing the most influential and respected authority in the gem and jewelry industry.



GRADUATE GEMOLOGIST

THE KEY TO CREATING OPPORTUNITY

Maybe you want to own a chic jewelry store. Or buy and sell colored gemstones on the wholesale market. Or be an appraiser, a grader or an auction house specialist. Earning the Graduate Gemologist diploma – the most prestigious educational achievement in the industry – gives you the skills and knowledge to make a rewarding career in many sectors of the gem and jewelry industry.

PROGRAM AT A GLANCE

The Graduate Gemologist diploma program will cover:

- Developing in-depth, hands-on experience with the GIA International Diamond Grading System™ and the 4Cs (color, clarity, cut and carat weight) and learning how they affect diamond value
- Grading diamonds in the D-to-Z color range consistently and accurately
- Using gemological equipment and procedures to grade and identify hundreds of gems
- Explaining the GIA Colored Stone Grading System and evaluating gem quality
- Identifying and grading common and unusual colored stones
- Identifying the characteristics of simulants and treatments, and when advanced testing is required
- Translating technical knowledge into valuable information for effective sales and excellent service
- Discovering the vast array of diamonds and gems, and following their paths from formation to marketplace

DIPLOMA REQUIREMENTS

Distance Education

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 pages 28-29 for course and lab class requirements and descriptions.

See pages 21-25 for lab class schedules.

On Campus

Full-time program offered at GIA campuses worldwide

See page 26 for the program description.



Courtesy Thomas M. Schneider



Lonnie McCulloch, GIA GG
 Owner
Intermountain Gemological Services LLC

Fun Facts:
 Favorite Gemstone: Ruby
 Favorite Movie: *Romancing the Stone* (of course)
 Favorite Book: *The 4-Hour Workweek*
 Hobby: Beekeeping

Learning at Your Fingertips

You've dreamed about getting ahead or starting a new career. You've set ambitious goals for yourself but you have a busy schedule. GIA Distance Education helps you achieve your goals.

Take courses online from the comfort and convenience of your computer, and learn using the same curriculum taught at GIA campuses around the world. You'll study when time permits, learn critical industry knowledge with the guidance of a Distance Education instructor and earn a diploma that creates new opportunities.

Invest in yourself

It's a fact: the more education you have, the greater your earning potential*. You can invest in your future with a GIA diploma. GIA's variety of offerings means you can prepare yourself for industry-wide success and a career that ignites your passion.

Learn from the leader

Studying with GIA means learning from the world's foremost authority on diamonds, colored stones and pearls. You'll receive one of the best educations available in the field, and what you learn can take your career to new heights. And you'll never study alone – a GIA instructor is ready to help you every step of the way.



*U.S. Department of Labor, Bureau of Labor Statistics data for 2015

Distance Education = eLearning + Lab Classes

eLearning: courses come to you

eLearning courses are the online component of your studies. An immersion in the enchanting world of gems, eLearning courses boast exclusive GIA videos, animations and slideshows with commentary from industry leaders, instructors and researchers on the front lines of gemology. You'll watch rare videos of East African mines, see animations of diamond crystals forming, and explore ruby deposits in Vietnam. With access to a computer and the Internet, the world of gemology is at your fingertips.

To study, just log on to My GIA – your 24/7 student portal. Here you can navigate to the Student Center to access eLearning courses, submit assignments, receive immediate results and monitor course progress. Also on My GIA, you can view class schedules, search the GIA Gem & Jewelry Career Center, and more.



Lab classes: learn by doing

Lab classes are where you'll work with an instructor to develop skills for grading and identifying GIA-graded gems. In the process, you'll learn to use professional gemological equipment.

Lab classes are held at GIA campuses worldwide, at select trade shows and through trade associations. You'll learn from some of the best and brightest minds in gemology. Meet students with aspirations like yours, and develop a network of lifelong contacts.

Gems delivered to your doorstep

If you're like most GIA students, you can't wait to get your hands on actual gems. When you're working toward your Graduate Gemologist or Graduate Colored Stones diploma, you'll practice identifying hundreds of gems – just like on-campus students do in the classroom.

GIA's unique gem-lending system makes this possible. This one-of-a-kind program puts 500 gems in your hands throughout your Gem Identification course. Videos in the Gem Identification course material will show you how to use your equipment.

The Gem Identification Student Instruments Package is available for purchase at store.GIA.edu. Our instructors are happy to answer questions about setting up a gem-testing workstation in your home or office. See page 29 for more details.

Get experience: sharpen your skills in a GIA Student Workroom

As an added, optional benefit to Distance Education learning, GIA Student Workrooms offer access to all the equipment and gems you need to complete the practical requirements of your Gem Identification course. This self-study room is also available if you are preparing for a 20-stone exam, taking a supervised exam or practicing on equipment and gems.

You'll find Student Workrooms at GIA campuses worldwide. For a complete list of Student Workroom services, hours and fees, visit GIA.edu/student-workroom

PLAN NOW TO START YOUR eLEARNING COURSE

eLearning courses have scheduled start dates every Monday. Paper applications must be received by 12:00 p.m. Pacific Time the Friday before the selected start date. Students applying online must register prior to midnight the Sunday before the class starts. Due to 2016 holiday closures on Mondays, there will be Tuesday start dates on July 5 and September 6. If you would like to plan ahead and enroll in a future start date, contact GIA Admissions at +1 800 421 7250 ext 4001, +1 760 603 4001, or admissions@gia.edu



AJP APPLIED JEWELRY PROFESSIONAL

LAUNCH YOUR CAREER IN – ONE. TWO. THREE.

Your path to retail jewelry success is waiting with the Applied Jewelry Professional* diploma program. Take three online classes that are rich in content and filled with instructive videos and photography. Learn essential information about diamonds, colored stones and more.

Earn your credential and reach greater professional heights. It's a simple and powerful way to get ahead.

PROGRAM AT A GLANCE

The Applied Jewelry Professional diploma program will cover:

- Describing how the 4Cs (color, clarity, cut and carat weight) affect a diamond's value
- Examining the relationship between size and weight of diamonds
- Exploring the differences between treated, synthetic and imitation stones to sell with full disclosure
- Understanding the steps of the jewelry sales process
- Translating jewelry design, style and manufacturing features into benefits
- Conveying the romance, lore and characteristics of the most popular colored gemstones

DIPLOMA REQUIREMENTS

Distance Education

Three eLearning courses

- Jewelry Essentials
- Diamond Essentials
- Colored Stone Essentials

See page 28 for course requirements and descriptions.



*The name for the AJP diploma program has changed from "Accredited Jewelry Professional" to "Applied Jewelry Professional."

GD GRADUATE DIAMONDS

IN-DEPTH KNOWLEDGE ON ONE OF EARTH'S MOST PRECIOUS GEMSTONES

Diamonds are the backbone of the gem and jewelry industry. Engagement rings often hold center stage at the retail counter. Understanding the qualities of diamonds is essential and this includes the 4Cs, inclusions, treatments, synthetics and more. This invaluable knowledge is waiting for you in the Graduate Diamonds diploma program.

PROGRAM AT A GLANCE

The Graduate Diamonds diploma program will cover:

- Developing in-depth, hands-on experience with the GIA International Diamond Grading System™ and the 4Cs (color, clarity, cut and carat weight) and learning how they affect diamond value
- Grading diamonds in the D-to-Z color range
- Detecting diamond synthetics, treatments and simulants
- Recognizing when advanced testing is required
- Speaking the language of diamonds confidently to customers, suppliers and vendors

DIPLOMA REQUIREMENTS

Distance Education

Two eLearning courses

- Diamond Essentials
- Diamonds & Diamond Grading

One lab class

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

See pages 28-29 for course and lab class requirements and descriptions.

See pages 21-25 for lab class schedules.

OR On Campus

Full-time program offered at GIA campuses worldwide

See page 26 for the program description.



GP GRADUATE PEARLS

UNDERWATER TREASURES

More than 35 types of mollusk species produce pearls. Four types of cultured pearls dominate the market: akoya, fresh water, South Sea and Tahitian. Understanding what makes a fine specimen is essential to industry success. The Graduate Pearls diploma program will teach you this critical information and provide invaluable hands-on experience with these gems.



PROGRAM AT A GLANCE

The Graduate Pearls diploma program will cover:

- Exploring the differences between natural and cultured pearls
- Evaluating and grading cultured pearls based on GIA's 7 Pearl Value Factors™
- Promoting the relationship of beauty, value and quality
- Studying the process of pearl culturing and marketing

DIPLOMA REQUIREMENTS

Distance Education

One eLearning course

- Pearls

See page 29 for course requirements and description.

One lab class

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

See page 29 for lab class description.

See pages 21-25 for lab class schedule.

Mine to Market – Career Focus

From raw materials to design and onto the sales floor, there are many career opportunities in the global gem and jewelry industry. Explore four career paths introduced in our Winter 2016 Career Issue.

Gem Discovery



Get ready to travel to some of the world's most exotic and remote locales in search of new gem sources. You'll need to love traveling, being immersed in different cultures and occasionally living in the field with few modern amenities.

A Graduate Gemologist diploma is best; a solid background in geology is also essential, since finding gems begins with an understanding of the geological rock formations. The search then starts in earnest, but there are no guarantees that you will find rough. If you do, the quality can range from poor to extremely valuable, so you'll need to have an appetite for risk and the unknown.

Uncompromising ethics and keeping current on the latest developments in the industry are essential. Follow these suggestions, and your career options can be vast: you may start in mining, move into finished gem distribution, and then on to teaching or research.

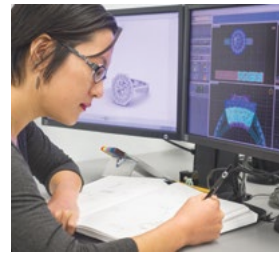
"To extract a gemstone from the ground is immensely rewarding. You are one of a handful of people to witness a 500-million-year-old Tanzanite or Zambian emerald come out of the earth."

Robert Gessner, GIA GG, AJP
Colored Gemstone Geologist,
Gemologist and Consultant

Related Programs: **GG** **GD** **GCS** **GP**

Pages: 5 9 12 9

Custom Designing



Ever dream of turning your client's ideas or your own inspirations into jewelry? Then a career creating custom designs may be your calling. The joy that comes from designing a piece for someone who is celebrating a memorable occasion is profoundly rewarding.

Being able to sketch a design, create a watercolor on vellum, and use CAD/CAM are essential skills for success. Skilled designers can find a rewarding position at a jewelry store, a jewelry manufacturer or a high-end design house. You can also start your own jewelry line or design business. Understanding the basics of jewelry manufacturing and engineering will help you create quality, long-lasting pieces. Basic business skills are important in entrepreneurial undertakings: you'll have to know how to balance the books and advertise your services.

A typical day as a self-employed designer might include sketching a design, meeting with a potential client and networking with a jewelry store owner who needs talented freelance help.

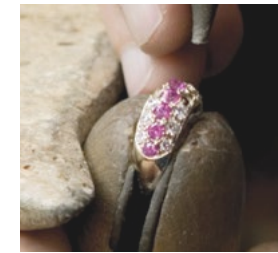
"I love jewelry design as a method of self-expression. The process of designing, modeling and creating a piece that resonates with someone is extraordinarily fulfilling."

Michelle Loon, GIA GG, JDT, Pearls Graduate, AJP
CAD Modeler/Designer
Green Lake Jewelry Works

Related Programs: **JDT** **CCC** **JD** **GJ**

Pages: 18 20 20 19

Gems Become Jewelry



Making a piece of jewelry out of raw materials is an art that requires skillful hands, a masterful touch and knowledge of engineering. That's why bench jewelers, jewelry designer assistants and shop managers are valued by employers and appreciated by their customers.

A passion for making things is a must. An understanding of jewelry engineering fundamentals and proper techniques are needed to get started. Learn these skills and you might work at a large casting house, a local jewelry store or perhaps start your own shop.

Knowing how to work with different metals and take advantage of their properties, stone setting techniques and making routine repairs are essential skills for the bench jeweler. An understanding of the basics of design is also important. Developing a warm relationship with your clients and co-workers, being a good listener, and keeping calm while facing criticism – whether justified or not – are important personality traits.

"There is something extremely gratifying about having a vision, sitting down at the bench, and watching it come to life. And then right there in your hands is the finished product you created that will be cherished by its grateful owner. That's an awesome feeling."

Dana Luboyeski, GIA GJ, AJA
Owner/Metalsmith
Dana Roe Jewelry

Related Programs: **JDT** **GJ** **CCC** **JD**

Pages: 18 19 20 20

Gem and Jewelry Sales



The world of retail gem and jewelry sales offers many rewarding careers including sales, marketing, appraisal, gem acquisition, merchandising, management, loan officer, client liaison, social media strategist, entrepreneur and much more. There are also many retail

channels: traditional brick and mortar stores, online retailers and pawn shops. The opportunities are endless.

Passion and confidence about what you are selling is important, as well as knowledge and professionalism. This includes knowing the characteristics of gems, the craftsmanship in a piece and jewelry history. Markets can be cyclical and trends come and go, so staying up-to-date on the industry will help you be successful.

Successful sales people have excellent interpersonal skills. Being honest, trustworthy, friendly and genuine are musts. Enthusiasm helps on the sales floor. Handling rejection in a productive way is a job requirement. Keeping a positive attitude is vital.

"Playing even a small role in an important moment of a couple's life is the most rewarding part of the job. Making sure that moment is special is the ultimate honor."

Matthew Coleman, GIA GG
Sales Director
Harry Winston

Related Programs: **GG** **GD** **GCS** **GP** **AJP**

Pages: 5 9 12 9 8

GEM DISCOVERY

Go to exotic locales in search of gemstone deposits.



SALES OF ROUGH

Brokers, dealers and cutters sell parcels of rough to wholesalers.



GEM IDENTIFICATION

Lab professionals identify, analyze and grade gems.



CUSTOM DESIGNING

Designers create jewelry using old-world techniques and cutting-edge technologies.



GEMS BECOME JEWELRY

Bench professionals turn raw materials into exquisite adornments.



APPRAISAL AND AUCTION

Appraisers determine the value of jewelry, while auctioneers sell notable ones.



GEM AND JEWELRY SALES

Sales professionals help customers find the perfect piece for that special moment.



STARTING YOUR OWN BUSINESS

Entrepreneurs start companies all along the gem and jewelry pipeline.



Download Issues of the 2016
GIA Education Quarterly at
discover.GIA.edu/EQ

Summer 2016

GIA career resources
help you every
step of the way

- Gem & Jewelry Career Center - Search Jobs - GIA.edu/gem-job
- Career Fair - Meet Recruiters & Get Advice - GIA.edu/career-fair
- Alumni Association - Build Your Network - GIA.edu/gia-alumni
- Continuing Education - Sharpen Skills - GIA.edu/gem-continuing-education

GCS GRADUATE COLORED STONES

A SPECTRUM OF COLORS. A SPECTRUM OF OPPORTUNITIES.

In love with emeralds, rubies and sapphires? Entranced by opal? Jazzed about jadeite? The Graduate Colored Stones diploma program covers these and many other popular gemstones in depth. What you learn can empower you to create a career around any single gem – or all of them.

PROGRAM AT A GLANCE

The Graduate Colored Stones diploma program will cover:

- Building a knowledge base about colored stones and the colored stone market
- Using gemological equipment effectively to identify gemstones
- Explaining the GIA Colored Stone Grading System and evaluating gemstone quality
- Recognizing how quality, rarity and color affect value
- Determining how market factors affect gem value

DIPLOMA REQUIREMENTS

Distance Education

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 pages 28-29 for course and lab class requirements and descriptions.

See pages 21-25 for lab class schedules.

OR On Campus

Full-time program offered at GIA campuses worldwide

See page 26 for the program description.



Courtesy: Ray Zajicek and Equatorian Imports

ON-CAMPUS LAB CLASSES

Where Knowledge Becomes Confidence

Come to a GIA campus to take a lab class and get ready to grow.

When you spend a few days at GIA, you'll be immersed in subject matter that's vital to your professional future. Your learning experience will be exciting and intense. And you'll develop skills and gain confidence that will be valuable in taking your career to the next level.

Jewelry Manufacturing Arts

A GIA lab class is a powerful way to enhance your bench skills. Be prepared to learn the latest techniques for jewelry repair, stone setting and more. You'll also work with gold, silver, platinum and precision-cut stones, while practicing in an ergonomic classroom with the latest tools and technology.

Gemology

You'll gain invaluable practical experience in a GIA gemology lab class. Course instruction includes determining if a gemstone is natural, treated or synthetic. You'll also learn what makes a quality specimen and when a gemstone needs further testing.

Develop grading skills

Depending on which lab class you take, you'll learn the qualities that make a diamond, colored stone or pearl valuable. Take this knowledge and start applying it whenever you're presented with a gemological question.

Use gemological equipment

When you complete your lab class, you'll have learned the basics of how to use equipment essential to the trade, including how a loupe and microscope are used to aid in identifying gems.

Identify clarity characteristics

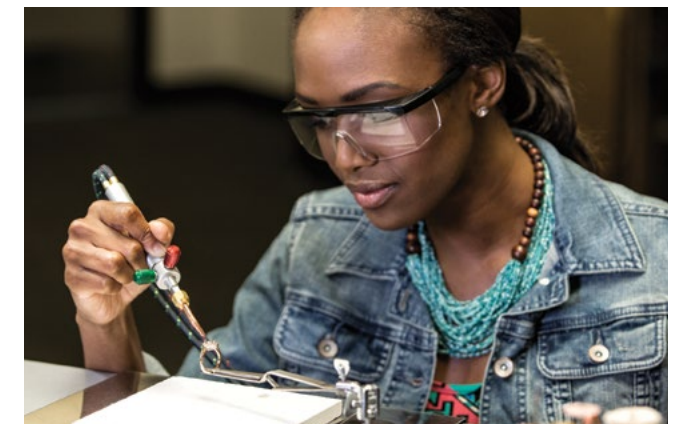
Clarity characteristics can help you identify and assess gem quality. Knowing how to identify these features will help you make educated decisions on selling, manufacturing and more.

Learn from experts

GIA instructors share their expert knowledge about gemology. They are ready to help you and answer questions.

Gain a newfound confidence

Being able to analyze gems with objectivity is tremendously empowering. In practical terms, it means you'll be better able to buy, sell and recommend based on knowledge and facts.



Demystify gemology. Polish your bench skills. All this is waiting for you at an on-campus lab class.

For Gemology lab class descriptions, see page 29.

For Jewelry Manufacturing Arts lab class descriptions, see page 20.

Forge Your Future

Bring your ambitions to GIA, and get ready to make them a reality.

Study at a GIA campus, and immerse yourself in an environment that supports your passion for gems and jewelry. Programs are taught by industry veterans who are experts in gemology or jewelry design and manufacturing technology. Form new friendships as you study with like-minded classmates, and build a professional network that spans the globe.

Studying at GIA is your opportunity to learn at the educational hub of the gem and jewelry industry – a place where the 4Cs and other international standards were created, where the science of gemology continually advances, and where jewelry design and bench skills come alive. Study with us and experience the essence of the industry. And while you're learning, get ready to make friends and acquaintances who will enrich your personal and professional life.

A GIA campus is where you'll learn from leaders in their respective fields. It means having access to groundbreaking research. When you learn from the world's foremost authority on diamonds, colored stones and pearls, you'll get one of the finest educational experiences available in the industry. You'll have a diploma that is recognized and respected everywhere.

Since every GIA campus delivers the same comprehensive curriculum, you can be confident that you'll get the same unmatched education, no matter which campus you attend.

Once you graduate, you'll find that your GIA diploma can open doors to opportunity. Many of your fellow alumni hold influential positions all along the gem and jewelry pipeline, and you'll have the knowledge and credentials to take your place beside them. Some of the companies where they work include: Ben Bridge Jeweler, Cartier, Christie's, David Yurman, Green Lake Jewelry Works, Helzberg Diamonds, Jewelry Television (JTV), Sotheby's, and Tiffany & Co.



GIA in Carlsbad – The Heart of the Institute

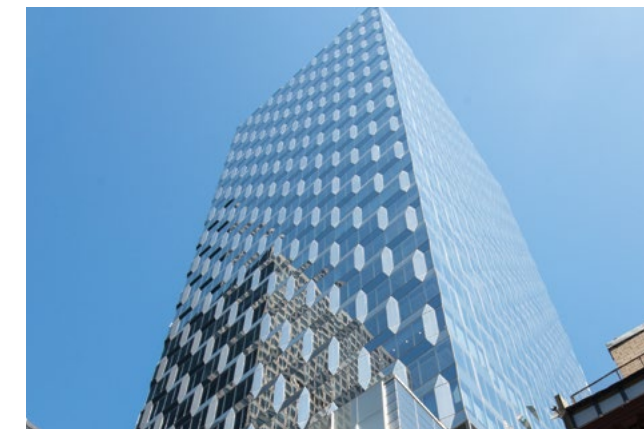
Ask anyone who has attended GIA in Carlsbad, and they're likely to share similar impressions. They'll rave about the amazing learning experience, the expertise of the instructors, and how students have an incredible opportunity to create friends and build a powerful professional network while enjoying breathtaking ocean views from a beautiful campus.

Coming to GIA is an opportunity to network with tomorrow's leaders – your fellow students. It's a chance to build lifelong connections in the gem and jewelry industry that will help you every step of your professional journey. You'll have numerous opportunities to attend guest lectures, meet with industry VIPs, and participate in other special events that come with being a GIA student.



The Carlsbad campus is home to the world's largest gemological library, the Richard T. Liddicoat Gemological Library & Information Center. The library houses a growing collection of more than 57,000 books, 700 international journals, over 175,000 images, more than 1,800 videos, and the Cartier Rare Book Repository & Archives.

The Carlsbad campus also has a stunning collection of gems and jewelry. Some are displayed in museum exhibits, while others may be available for closer examination in the classroom.



GIA in New York at the International Gem Tower

In the heart of New York's Diamond District glitters the International Gem Tower (IGT), a 34-story state-of-the-art building that is GIA's home. With 90% of the diamonds entering the U.S. going through the Diamond District, the IGT and GIA are literally at the center of the industry.

GIA's laboratory, research facility, and campus occupy almost 100,000 square feet on four floors of IGT, with an entire floor devoted to education. Here you'll find gemology and jewelry design classrooms that optimize the learning experience and encourage networking among students and faculty.

The New York campus' branch of the Richard T. Liddicoat Library houses books and magazines to broaden your knowledge and a quiet spot to study. The Bert Krashes Study Lounge is another spot to study or catch up on the latest industry news. The William Goldberg Student Commons, a perfect place for orientations, graduations, meetings and events, is also an ideal place to relax, refresh and recharge; or just enjoy the 18-foot-long exhibit case sparkling with treasures from GIA's museum.

New York students enjoy an abundance of professional opportunities to help jumpstart their careers. The NY Metro GIA Alumni Chapter hosts quarterly lectures and the biannual Women's Jewelry Association (WJA) mentoring sessions. The New York campus also conducts optional student tours to the local Diamond Dealers Club, and for Comprehensive CAD/CAM and JDT students, to a nearby engineering and casting house for exposure to manufacturing processes.

We're here to cultivate your growth and success.

No matter which GIA campus you go to, you'll find staff and faculty committed to your academic and professional success. GIA supports you each step of the way with a variety of student services: information on housing and hotels, career planning and more. For more information on how to make your learning experience at a GIA campus a success, contact Admissions at admissions@gia.edu, or call +1 800 421 7250, ext 4001 or +1 760 603 4001.

Hoop Dreams NBA Championship Rings

You need world-class skill, teamwork and inspiration to win an NBA championship. You'll need the same qualities to craft the championship rings.

To find out what it takes to make an NBA championship ring, we interviewed executives at Jostens and Jason of Beverly Hills. Both companies have designed and manufactured these ultimate status symbols for professional basketball players.

Jason of Beverly Hills has made three NBA championship rings since 2009. In a few short years, it's won accolades for its artistic designs. The company crafted the 2015 Golden State Warriors championship ring, and the 2010 and 2009 rings for the Los Angeles Lakers.

Jason of Beverly Hills starts designing as soon as the clock winds down on the final game. When creating the ring for the Golden State Warriors, its designers sketched something they thought would excite the players. They then met with players and team owners to gather ideas and create a design that further captured the identity of the team.

Ring manufacturers utilize the latest available design and manufacturing technology to enable increasingly complex rings. "Every owner is trying to outdo each other with a bigger and better ring," said Jason Arasheben, jewelry designer and owner of Jason of Beverly Hills.

LIGHTS OUT



Four natural fluorescent diamonds on the ring's table, which represent the franchise's four championships, put on a lightshow under ultraviolet light.



All Golden State Warriors rings. Courtesy: Jason of Beverly Hills

2015 GOLDEN STATE WARRIORS RING



MAKE IT PERSONAL

Although made from primarily 14K white gold, the Golden Gate Bridge and the player's number are cast using 16K yellow gold, 67% purity, representing the 67 wins of the season.



240 DIAMONDS symbolize the team's wins under the current ownership – that's approximately six carats.



Oracle Arena's iconic ceiling decorates the inside of the ring. The sapphire in the center represents the current owner's first championship.

2013 MIAMI HEAT RING



© Jostens, Inc.

BIGGER AND BOLDER

Jostens is one of the most prolific producers of championship rings. Its long history includes 46 NBA championship rings, 32 Super Bowl rings, Major League Baseball World Series rings, Major League Soccer championship rings and much more.

When the final four teams face off in the NBA playoffs, Jostens' designers create mock-ups for all of them. This way, they are ready to present designs – no matter who wins. Their goal is to make the championship story come to life in gold, diamonds and other gemstones.

When designing rings, Jostens uses a multistep proprietary process that combines old-world craftsmanship and the latest technologies. Hand sketches are turned into CAD/CAM layouts. Manufacturing is anchored in the lost wax process (a wax model of the ring is encased in material and burned away before molten metal is poured into the cavity), which is used along with 3D printing. Every ring is handcrafted, and each ring is customized for the wearer.

"Championship rings have changed from simple symbols of victory to a sophisticated extension of the team's brand. Since these brands are iconic, the logo, font, and important moments are worked into the design, making the finished product a retelling of the team's path to victory and a reflection of the franchise," said Chris Poitras, vice president of sports marketing and development at Jostens.

2011 DALLAS MAVERICKS RING



© Jostens, Inc.

COMPLEX DESIGNS

Assembled from 14 separate components, including six to create the logo. 14K white gold and a synthetic blue sapphire under the logo mirror the team's colors.



CUSTOM CUTS

Setting 31 tapered princess diamonds, which represent the age of the franchise, required a master craftsman.

10x MORE weight than an average men's wedding band – Each of these championship rings used approximately 135 grams of 14K gold.



© Jostens, Inc.



Currently the record holder for the largest amount of diamonds in a Jostens' championship ring.



© Jostens, Inc.

1969

Bring on the Bling!

Teams try to outdo each other every year with bigger and better rings.

See more of them at GIA.edu/nba-rings



2010

Courtesy: Jason of Beverly Hills



DIPLOMA

JDT JEWELRY DESIGN & TECHNOLOGY

TECHNIQUES FOR SUCCESS

Jewelry design and manufacturing has changed more in the past ten years than in the past few centuries. Groundbreaking technologies like CAD/CAM and 3D printing have revolutionized the way it is created and produced. In the Jewelry Design & Technology diploma program, you'll learn how to use these key technologies, create mood boards to find inspiration, understand how to design according to GIA Quality Assurance Benchmarks, and a lot more. When you graduate, you'll have in-demand skills to make your way in the gem and jewelry industry.

PROGRAM AT A GLANCE

The Jewelry Design & Technology diploma program will cover:

- Using fundamental design concepts, including texture, shape, form, balance, negative space, color and more
- Applying jewelry engineering concepts to make durable and comfortable pieces that are long lasting
- Creating, rendering and printing designs using CAD software like Rhinoceros 3D, Matrix, T-Splines, V-Ray rendering and Computer-Aided Manufacturing (CAM) hardware like a 3D printer
- Designing and developing CAD models using the metrics of scale, proportion and element relationships, and within the constraints of cost, time, size, style and manufacturing methods
- Selecting appropriate precious metals and gems based on engineering, design and manufacturing considerations
- Determining optimal manufacturing processes for the creation of jewelry, like die striking, machine making and casting
- Inspecting designs and prototypes to ensure proper engineering and that they meet GIA Quality Assurance Benchmarks
- Developing digital and physical portfolios of class projects and custom designs that are ready for presentation to potential clients and employers, and displaying work in a final design exhibition

DIPLOMA REQUIREMENTS

On Campus

Full-time program offered in Carlsbad and New York

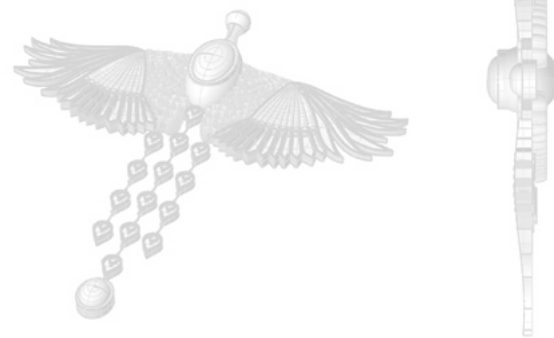
See page 27 for the program description.

See GIA Jewelry Design & Technology students showcase their portfolios before graduation at the final design exhibition.

GIA.edu/jdtvideo



Designed by Rajit Verma
GIA Jewelry Design & Technology Graduate



DIPLOMA

GJ GRADUATE JEWELER

NEW TECHNIQUES MEET OLD-WORLD CRAFTSMANSHIP

A Graduate Jeweler classroom is where time-tested techniques meet the latest advances in the trade. When you graduate, you'll have learned the best of both worlds – something that will make you stand out in the crowd. You'll learn in ergonomically advanced classrooms that feature fully equipped work benches. Leave the program with select pieces of jewelry you've crafted, essential hand tools, and your own mobile tablet loaded with videos and work tips.

PROGRAM AT A GLANCE

The Graduate Jeweler diploma program will cover:

- Making and repairing jewelry in a sustainable manner in a quiet, clean and modern environment in a fully equipped classroom that includes a laser welder
- Setting a variety of stone shapes, including round brilliant and princess-cut stones, in mounting styles to include channel setting, bezel setting and prong setting, in white gold, yellow gold and platinum
- Determining when to alter, repair, or reconstruct jewelry
- Performing the most common jewelry repairs, alterations and reconstructions, such as sizing rings, rebuilding prongs, refinishing worn jewelry, repairing broken chains and strengthening old jewelry by installing new settings
- Applying both textured and polished finishes to jewelry surfaces on a variety of different metals
- Using fabrication and forging techniques, and laser-welding technology for gold, silver and platinum
- Evaluating and improving workmanship by using GIA Quality Assurance Benchmarks

DIPLOMA REQUIREMENTS

On Campus

Full-time program offered in Carlsbad

See page 27 for the program description.

See GIA Graduate Jeweler students tackle the "Halo ring" project in 14K gold.

GIA.edu/gjvideo



CCC COMPREHENSIVE CAD/CAM FOR JEWELRY

Knowing how to use Computer-Aided Design/Computer-Aided Manufacturing (CAD/CAM) to design jewelry is an essential skill. Come to GIA, and in just seven weeks you'll study how to turn jewelry designs into concepts, and then into photo-realistic renderings, and finally into casting-ready models. When you finish, you'll be ready to impress customers with your new skills.

See page 21, 23-24 for course schedules.

COURSE AT A GLANCE

The Comprehensive CAD/CAM course will cover:

- Creating CAD models within the metrics of scale, proportion and element relationships
- Distinguishing between various CAD software, including Rhino and Matrix; and various CAM methods, including 3D printing
- Developing CAD models within the constraints of cost, time, size, style and manufacturing methods
- Modeling and rendering manufacturable pieces of jewelry using CAD/CAM and displaying them in a final CAD exhibition

CERTIFICATE REQUIREMENTS

On Campus

Full-time program offered at GIA campuses worldwide
See page 27 for the course description.

JEWELRY MANUFACTURING ARTS LAB CLASSES

See page 22 for the lab class schedule.

JMA 320L BASIC REPAIR AND SETTING LAB

This class teaches basic repair and setting skills through hands-on training at your own fully equipped workbench. Instructors cover how to create, recognize and evaluate quality craftsmanship using GIA's Quality Assurance Benchmarks, identify and set basic mounting styles, size rings, tighten stones, re-tip and replace prongs, assemble and solder settings and shanks, work with sterling silver and white and yellow karat gold, and apply rhodium plating. Class content also includes an overview of finishing skills for specific colors of metals, basic laser-welding techniques and applications. Upon completing the class, you will also keep a lab manual for future reference.

Class Duration: 5 days
What You Earn: Letter of Completion
Tuition: \$1,450 (Carlsbad)
Books & Materials: \$100
Total Charges: \$1,550 + applicable sales tax

Note: Tuition and Fees subject to change

JD JEWELRY DESIGN

Look at a piece of high-end jewelry. Chances are it was first conceived as a drawing. The takeaway: drawing and painting are skills design houses value. Creating a hand-drawn illustration of a client's "dream piece" is also important for entrepreneurial success. These skills are waiting to become yours in the Jewelry Design course.

See page 21, 23-24 for course schedules.

COURSE AT A GLANCE

The Jewelry Design course will cover:

- Learning rendering for yellow and white metals, as well as faceted and cabochon gemstones and pearls
- Rendering jewelry designs using drafting tools for display as a participant in the final class design exhibition
- Illustrating rings and other pieces of jewelry
- Creating a portfolio of class projects and custom designs that is ready for presentation to potential clients and employers
- Learning about sources for jewelry design inspiration and developing motifs to create jewelry objects

CERTIFICATE REQUIREMENTS

On Campus

Full-time program offered at GIA campuses worldwide
See page 27 for the course description.

JMA 340L INTERMEDIATE REPAIR AND SETTING LAB

Prerequisite: JMA 320L or previous bench experience including basic stone setting and soldering
Through personalized instruction, integrated text and video, and exercises at your own workbench, you'll practice intermediate and some advanced gem-setting techniques, remounting stones in intricate styles, and crafting a variety of prong shapes for center stones. Instructors also teach setting fancy shapes in bezels and prongs; melee in halo designs; and princess cuts in channels, bezels and prongs. The class will also cover efficient methods for settings in shared prong mountings and in pieces produced with Computer-Aided Manufacturing (CAM) technology – and the techniques for precious metal conservation and best practices for preparing metal for refining. GIA provides all tools and materials for you to work with, including white and yellow karat gold and sterling silver. Upon completing the class, you will also keep a lab manual for future reference.

Class Duration: 5 days
What You Earn: Letter of Completion
Tuition: \$1,450 (Carlsbad)
Books & Materials: \$100
Total Charges: \$1,550 + applicable sales tax

2016 U.S. Class Schedules

ON-CAMPUS PROGRAMS

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* at GIA.edu/education-catalog.

The start date shown for on-campus courses and programs is the mandatory orientation date.

GIA reserves the right to reschedule or cancel classes.

CARLSBAD, CA

GEMOLOGY GEM 2500 Graduate Gemologist

Jan 14-Jul 29
Feb 18-Sep 2
Mar 17-Sep 30
Apr 21-Nov 4
May 26-Dec 16
Aug 18, 2016-Mar 24, 2017
Sep 22, 2016-Apr 28, 2017
Oct 13, 2016-May 19, 2017

GEM 2200 Graduate Diamonds

Jan 14-Mar 11*
Feb 4-Apr 1
Feb 18-Apr 15*
Mar 17-May 13*
Apr 21-Jun 17*
May 26-Jul 22*
Jun 16-Aug 12
Aug 18-Oct 14*
Sep 15-Nov 11
Sep 22-Nov 18*
Oct 13-Dec 16*

GEM 2300 Graduate Colored Stones

Mar 14-Jul 29*
Apr 18-Sep 2*
May 16-Sep 30*
Jun 20-Nov 4*
Jul 25-Dec 16*
Oct 17, 2016-Mar 24, 2017*
Nov 28, 2016-Apr 28, 2017*
Jan 3, 2017-May 19*

JEWELRY MANUFACTURING ARTS JMA 3400 Jewelry Design & Technology

Jan 28-Aug 5
Jun 2-Dec 16
Sep 8, 2016-Apr 7, 2017

JMA 3300 Graduate Jeweler

Feb 18-Aug 26
May 12-Nov 18
Oct 13, 2016 - May 12, 2017

JMA 370 Jewelry Design

Mar 17-May 20
Aug 4-Oct 7

JMA 400 Comprehensive CAD/CAM for Jewelry

Jun 2-Jul 22
Oct 20-Dec 15

NEW YORK, NY

GEMOLOGY GEM 2500 Graduate Gemologist

Jan 7-Jul 22
Mar 3-Sep 16
Apr 28-Nov 11
May 26-Dec 16
Jun 23, 2016-Jan 27, 2017
Aug 18, 2016-Mar 24, 2017
Oct 13, 2016-May 19, 2017

GEM 2200 Graduate Diamonds

Jan 7-Mar 4*
Jan 21-Mar 18
Mar 3-Apr 29*
Mar 24-May 20
Apr 28-Jun 24*
May 26-Jul 22*
Jun 23-Aug 19*
Aug 11-Oct 7
Aug 18-Oct 14*
Oct 6-Dec 9
Oct 13-Dec 16*

GEM 2300 Graduate Colored Stones

Jan 4-May 13
Mar 7-Jul 22*
May 2-Sep 16*
Jun 27-Nov 11*
Jul 25-Dec 16*
Aug 22, 2016-Jan 27, 2017*
Oct 17, 2016-Mar 24, 2017*
Jan 2, 2017-May 19, 2017*

JEWELRY MANUFACTURING ARTS JMA 3400 Jewelry Design & Technology

Jan 14-Jul 22
Sep 29, 2016-Apr 28, 2017

JMA 370 Jewelry Design

Mar 3-May 6
Jul 21-Sep 23
Oct 6-Dec 16

JMA 400 Comprehensive CAD/CAM for Jewelry

May 19-Jul 8
Jul 28-Sep 16

CLASS DURATION AND HOURS Monday to Friday Day Classes

Carlsbad and New York:
Schedules may vary depending on holidays, breaks or other events. Please visit GIA.edu/class-duration-hours or contact admissions@gia.edu for details.

Weekend and Night Classes

New York:
Monday - Thursday:
On-campus: 6:00 - 9:30 p.m.
Saturday: 8:00 a.m. - 4:00 p.m.



Polished gem courtesy:
Bill Larson,
Pala International

* Dates offered on a standby basis. Call for availability. You will be placed on a waiting 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 a current schedule, visit GIA.edu/schedules. Contact GIA Admissions in Carlsbad or New York to confirm availability and for additional information and details. (N) = Nighttime; (S) = Saturday

2016 U.S. Class Schedules (cont.)

LAB CLASSES AND STUDENT WORKROOMS

CARLSBAD, CA

GEMOLOGY

GEM 220L Colored Stone Grading

Jan 25-27
Mar 14-16
Apr 25-27
Jun 20-22
Aug 22-24
Oct 10-12
Nov 7-9

GEM 230L Diamond Grading

Jan 11-15
Feb 29-Mar 4
Apr 11-15
May 2-6
Jun 6-10
Jun 27-Jul 1
Aug 8-12
Aug 29-Sep 2
Sep 26-30
Oct 24-28
Nov 14-18

GEM 240L Gem Identification

Jan 18-22
Mar 7-11
Apr 18-22
Jun 13-17
Aug 15-19
Oct 3-7
Oct 31-Nov 4

GEM 149L Pearl Grading

Jan 28
Mar 17
Apr 28
Jun 23
Aug 25
Oct 13
Nov 10

STUDENT WORKROOM

Available daily, Monday – Friday, 9:00 a.m. – 12:00 p.m. and 1:00 – 4:00 p.m., on a first-come, first-served basis for up to eight students.

Fees are \$35 for half day and \$70 for full day. No fees for exams.

For a complete list of Student Workroom prerequisites, services, and additional details, visit GIA.edu.

To reserve a seat, call +1 800 421 7250 ext 4404, or outside the U.S. call +1 760 603 4404 or email lessons@gia.edu

JEWELRY MANUFACTURING ARTS

JMA 320L Basic Repair and Setting

Jun 20-24
Sep 12-16

JMA 340L Intermediate Repair and Setting

Jun 27-Jul 1
Sep 19-23

NEW YORK, NY

GEMOLOGY

GEM 220L Colored Stone Grading

Jan 25-27
Mar 7-9
Apr 4-6
May 2-4
Jun 20-22
Aug 15-17
Sep 17-Oct 1 (S)
Oct 3-11 (N)
Oct 10-12
Dec 12-14

GEM 230L Diamond Grading

Jan 11-15
Feb 1-5
Feb 22-26
Mar 14-29 (N)
Mar 21-25
Apr 18-22
May 9-13
May 16-20
Jun 6-10
Jun 27-Jul 1
Jul 11-15
Aug 1-5
Aug 15-30 (N)
Sep 26-30
Nov 28-Dec 2

GEM 240L Gem Identification

Jan 18-22
Feb 29-Mar 4
Mar 28-Apr 1
Apr 25-29
Jun 13-17
Jul 16-Aug 13 (S)
Jul 18-22
Aug 8-12
Oct 3-7
Oct 24-Nov 8 (N)
Dec 5-9

GEM 149L Pearl Grading

Jan 28
Mar 10
May 5
Jun 23
Aug 18
Oct 13
Dec 15

STUDENT WORKROOM

Monday – Friday, 9:00 a.m. – 12:00 p.m. and 1:00 – 4:00 p.m.

Fees are \$35 for half day and \$70 for full day. No fees for exams.

For a complete list of Student Workroom prerequisites, services, and additional details, visit GIA.edu.

To reserve a seat, call +1 800 366 8519, or outside the U.S. call +1 212 944 5900, or email nyworkroom@gia.edu

Jan 4-8
Feb 8-12
Feb 16-19
Mar 14-18
Apr 11-15
May 23-27
May 31-Jun 3
Jul 5-8
Jul 26-29
Sep 19-23
Nov 14-18

LAS VEGAS, NV

To register, and for class location, call American Gem Society at +1 702 255 6500 ext 1034 or email hcorbett@ags.org. Fees and enrollment details vary.

GEMOLOGY

GEM 220L Colored Stone Grading

Sep 14-16

GEM 230L Diamond Grading

Mar 21-25
Sep 19-23

GEM 240L Gem Identification

Mar 14-18

LAS VEGAS, NV

Seminar offerings during JCK shows to be announced.

GEMOLOGY

GEM 275L Gemology Seminars

Dates to come

TUCSON, AZ

Fees and enrollment details vary. Tucson classes are held at the Tucson Convention Center, 260 South Church, Tucson, AZ 86701.

GEMOLOGY

GEM 230L Diamond Grading

Feb 1-5

GEM 275L Identifying Colored Stone Treatments

Feb 6

GEM 275L Identifying Diamond Treatments

Feb 6

LAB CLASS HOURS

Day Classes

Carlsbad and New York:
Schedules may vary depending on holidays, breaks or other events. Please visit GIA.edu/class-duration-hours or contact admissions@gia.edu for details.

Night Classes

New York:
Monday – Thursday
6:00 p.m. – 9:30 p.m.

2016 International Class Schedules

ON-CAMPUS PROGRAMS

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.

The start date shown for on-campus courses and programs is the mandatory orientation date.

GIA reserves the right to reschedule or cancel classes.

BANGALORE GIAindia.in

GEMOLOGY

GEM 2200 Graduate Diamonds

Jun 16-Aug 12

BANGKOK GIAthai.net

GEMOLOGY

GEM 2500 Graduate Gemologist

Jun 9-Dec 23

GEM 2200 Graduate Diamonds

Feb 12-Apr 8
Jun 9-Aug 5
Oct 27-Dec 23

GEM 2300 Graduate Colored Stones

Jan 7-Jun 3
Aug 4-Dec 23

Applied Jewelry Professional™ (Intensive)

Jan 18-22
May 9-13
Sep 19-23

JEWELRY MANUFACTURING ARTS

JMA 370 Jewelry Design

Feb 4-Apr 8
Jun 30-Sep 2

CHENNAI GIAindia.in

GEMOLOGY

GEM 2200 Graduate Diamonds

Mar 10-May 6

DELHI GIAindia.in

GEMOLOGY

GEM 2500 Graduate Gemologist

Jun 9-Dec 30

GEM 2200 Graduate Diamonds

Jan 14-Mar 11
Jun 9-Aug 5

GEM 2300 Graduate Colored Stones

Aug 4-Dec 30

DUBAI GIAmideast.com

Classes will be held at Gold Tower, JLT Premises, unless otherwise mentioned.

GEMOLOGY

GEM 2200 Graduate Diamonds

Jan 7-Mar 3
Mar 24-May 19

GEM 2300 Graduate Colored Stones

Sep 18, 2016-Feb 2, 2017

HONG KONG GIAhongkong.com

GEMOLOGY

GEM 2500 Graduate Gemologist

Mar 17-Oct 14
Jun 2-Dec 23

GEM 2200 Graduate Diamonds

Jan 4-Mar 17 (Cantonese) (M, Tu, Th)
Mar 8-May 12 (Cantonese) (M, Tu, Th)
Mar 11-Jun 24 (Cantonese) (Tu, Th)
Mar 17-May 13*
Apr 5-Jun 7 (Cantonese) (M, Tu, Th)
Jun 2-Jul 29*
Jul 4-Aug 30 (Cantonese) (M,Tu, Th)
Jul 11-Sep 6 (Cantonese) (M,Tu, Th)
Sep 19-Dec 19* (Cantonese)
Sep 26-Nov 24 (Cantonese) (M, Tu, Th)
Sep 26-Nov 24* (Cantonese) (M, Tu, Th)
Oct 27-Dec 23

GEM 2300 Graduate Colored Stones

Dec 31, 2015-May 27, 2016

Jan 4-Jun 21 (Cantonese) (M, Tu, Th)
Apr 14-Dec 8 * (Cantonese) (Tu, Th)
May 19-Oct 14*
Jun 28-Dec 8 (Cantonese) (M, Tu, Th)
Jul 28-Dec 23

JEWELRY MANUFACTURING ARTS

JMA 370 Jewelry Design

Mar 7-May 6
Jun 13-Aug 12 (Mandarin)
Oct 17-Dec 16

HYDERABAD GIAindia.in

GEMOLOGY

GEM 2200 Graduate Diamonds

Nov 3-Dec 30

JAIPUR GIAindia.in

GEMOLOGY

GEM 2200 Graduate Diamonds

Jan 7-Mar 4

LONDON London.GIA.edu

GEMOLOGY

GEM 2500 Graduate Gemologist

Sep 1, 2016-Mar 31, 2017

GEM 2200 Graduate Diamonds

Jan 28-Mar 25
Mar 24-May 20
Jun 9-Aug 5
Sep 1-Oct 28*
Oct 27-Dec 23

GEM 2300 Graduate Colored Stones

May 26-Oct 14
Oct 27, 2016-Mar 31, 2017*

Applied Jewelry Professional™ (Intensive)

Jan 4-8
Feb 29-Mar 4
May 23-27
Jul 25-29
Aug 22-26
Oct 17-21
Nov 7-11

JEWELRY MANUFACTURING ARTS

JMA 370 Jewelry Design

Jan 8-Mar 11
Oct 6-Dec 9

JMA 400 Comprehensive CAD/CAM for Jewelry

Aug 11-Sep 30

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 waiting 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 a current schedule, visit GIA.edu/schedules. Contact GIA Admissions in Carlsbad or New York to confirm availability and for additional information and details. (N) = Nighttime; (S) = Saturday

** The name for the AJP diploma program has changed from "Accredited Jewelry Professional" to "Applied Jewelry Professional."

2016 International Class Schedules (cont.)

ON-CAMPUS PROGRAMS (cont.)

MUMBAI GIAindia.in

GEMOLOGY GEM 2500 Graduate Gemologist

Jan 21-Aug 5
Mar 24-Oct 7
Jun 2-Dec 23
Aug 4, 2016-Feb 24, 2017

GEM 2200 Graduate Diamonds

Jan 7-Mar 4
Jan 21-Mar 18
Jan 28-Mar 25
Mar 24-May 20
Apr 7-Jun 3
May 5-Jul 1
Jun 2-Jul 29
Aug 4-Sep 30
Aug 18-Oct 14
Oct 6-Dec 9
Dec 8, 2016-Feb 3, 2017
Dec 22, 2016-Feb 17, 2017

GEM 2300 Graduate Colored Stones

Mar 17-Aug 5
May 19-Oct 7
Jul 28-Dec 23
Sep 29, 2016-Feb 24, 2017

JEWELRY MANUFACTURING ARTS JMA 370 Jewelry Design

Feb 11-Apr 15
Apr 28-Jul 1
Sep 8-Nov 18
Dec 1, 2016-Feb 3, 2017

RAMAT GAN csrisrael@gia.edu

For a current schedule of lab classes email csrisrael@gia.edu or call +972 3522 6749

SHANGHAI GIAtaiwan.com.tw

GEMOLOGY GEM 2500 Graduate Gemologist

Feb 19-Aug 11 (Chinese)
July 1, 2016-Jan 20, 2017 (Chinese)

GEM 2200 Graduate Diamonds

Feb 19-Apr 1 (Chinese)*
Mar 26-Jun 4 (Chinese) (S)
May 13-Jul 7 (Chinese)
July 1-Aug 25 (Chinese)*
Nov 11, 2016-Jan 5, 2017 (Chinese)

GEM 2300 Graduate Colored Stones

Apr 15-Aug 11 (Chinese)*
Jun 18, 2016-Jan 7, 2017 (Chinese) (S)
Aug 29, 2016-Jan 20, 2017* (Chinese)

JEWELRY MANUFACTURING ARTS JMA 370 Jewelry Design

Mar 7-May 6 (Chinese)
Sep 5-Nov 11 (Chinese)

SURAT GIAindia.in

GEMOLOGY GEM 2200 Graduate Diamonds

Mar 3-Apr 29
May 26-Jul 22
Nov 24, 2016-Jan 20, 2017

TAIWAN GIAtaiwan.com.tw

GEMOLOGY GEM 2500 Graduate Gemologist

Nov 6, 2015-May 20, 2016 (Chinese)
Mar 25-Oct 7 (Chinese)
Jul 8, 2016-Jan 20, 2017 (Chinese)
Nov 4, 2016-May 19, 2017 (Chinese)

GEM 2200 Graduate Diamonds

Mar 7-April 29 (Chinese) (N) (M, W, F)
Mar 25-May 19 (Chinese)*
May 14-Jul 23 (Chinese) (S)
Jul 8-Sep 1 (Chinese)*
Aug 15-Oct 7 (Chinese) (N) (M,W,F)
Oct 22-Dec 24 (Chinese) (S)
Nov 4-Dec 29 (Chinese)*

GEM 2300 Graduate Colored Stones

Jan 4-May 20 (Chinese)
May 20-Oct 7 (Chinese)*
Sep 5, 2016-Jan 20, 2017 (Chinese)*

Applied Jewelry Professional™ (Intensive)

Mar 7-18 (Chinese)
Jul 25-Aug 5 (Chinese)

JEWELRY MANUFACTURING ARTS JMA 370 Jewelry Design

May 23-Jul 22 (Chinese)
Nov 14, 2016-Jan 13, 2017 (Chinese)

** The name for the AJP diploma program has changed from "Accredited Jewelry Professional" to "Applied Jewelry Professional."

LAB CLASSES AND STUDENT WORKROOMS

BANGKOK GIAthai.net

GEMOLOGY GEM 220L Colored Stone Grading

Feb 8-10
Jun 20-22
Oct 17-19

GEM 230L Diamond Grading

Jan 25-29
Jun 6-10
Oct 3-7

GEM 240L Gem Identification

Feb 1-5
Jun 13-17
Oct 10-14

GEM 149L Pearl Grading

Feb 11
Jun 23
Oct 20

JEWELRY MANUFACTURING ARTS JMA 330L Quick Design

May 30-Jun 3

BEIJING GIAtaiwan.com.tw

GEMOLOGY GEM 220L Colored Stone Grading

Jul 29-31 (Chinese)

GEM 230L Diamond Grading

Jul 18-22 (Chinese)
Nov 21-25 (Chinese)

GEM 240L Gem Identification

Jul 24-28 (Chinese)

GABORONE giaeducationafrica@gia.edu

GEMOLOGY GEM 230L Diamond Grading

Jun 6-10
Jun 13-17

For the latest schedule of lab classes, email giaeducationafrica@gia.edu

CLASS DURATION

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

2016 International Class Schedules (cont.)

LAB CLASSES AND STUDENT WORKROOMS (cont.)

LONDON London.GIA.edu

GEMOLOGY GEM 220L Colored Stone Grading

Jan 18-20
Mar 21-23
May 31-Jun 2
Aug 30-Sep 1
Nov 21-23

GEM 230L Diamond Grading

Jan 11-15
Mar 7-11
Jun 13-17
Aug 1-5
Sep 5-9
Oct 24-28
Nov 14-18
Nov 28-Dec 2

GEM 240L Gem Identification

Jan 25-29
Mar 14-18
Jun 20-24
Sep 12-16
Dec 5-9

GEM 149L Pearl Grading

Jan 21
Mar 24
Jun 3
Sep 2
Nov 24

JEWELRY MANUFACTURING ARTS JMA 330L Quick Design

Dec 19-23

STUDENT WORKROOM

10am-5pm
Please call for availability.

Feb 1-26
Jun 27-Jul 22
Sept 19-Oct 14

SHENZHEN GIAtaiwan.com.tw

GEMOLOGY GEM 220L Colored Stone Grading

Oct 21-23 (Chinese)

GEM 230L Diamond Grading

Apr 18-22 (Chinese)
Oct 10-14 (Chinese)

GEM 240L Gem Identification

Oct 16-20

* Dates offered on a standby basis. Call for availability. You will be placed on a waiting 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 a current schedule, visit GIA.edu/schedules. Contact GIA Admissions in Carlsbad or New York to confirm availability and for additional information and details. (N) = Nighttime; (S) = Saturday

ATTENDING A GIA CAMPUS OUTSIDE THE UNITED STATES

To register in a program or lab class at a GIA location outside the United States, 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

SINGAPORE GIAhongkong.com

GEMOLOGY GEM 220L Colored Stone Grading

Nov 30-Dec 2

GEM 230L Diamond Grading

Dec 12-16

GEM 240L Gem Identification

Dec 5-9

GEM 149L Pearl Grading

Nov 29

TAIWAN GIAtaiwan.com.tw

GEMOLOGY GEM 220L Colored Stone Grading

Mar 7-10 (Chinese)
May 23-26 (Chinese)
Sep 5-8 (Chinese)

GEM 230L Diamond Grading

Jan 18-22 (Chinese)
Mar 7-Apr 1 (Chinese) (N) (M, W, F)
May 14-Jun 18 (Chinese) (S)
Jun 13-17 (Chinese)
Aug 15-Sep 9 (Chinese) (M,W,F)
Sep 26-30 (Chinese)
Oct 22-Nov 19 (Chinese) (S)

GEM 240L Gem Identification

Jan 25-29 (Chinese)
Jun 20-24 (Chinese)
Oct 3-7 (Chinese)

GEM 149L Pearl Grading

Apr 23 (Chinese) (S)
Oct 15 (Chinese) (S)

STUDENT WORKROOM

Please call for availability.

Jan 4-8
Feb 1-5
Mar 7-11
Apr 5-8
May 2-6
May 30-Jun 3
July 4-8
Aug 8-12
Sep 5-9
Oct 11-14
Nov 14-18
Dec 26-30

ON-CAMPUS GEMOLOGY

The world of gemology comes alive at a GIA campus. You'll learn from the creators of the 4Cs of Diamond Quality, the International Diamond Grading System™, and the GIA 7 Pearl Value Factors™. Receive personalized attention and study a curriculum that brings groundbreaking research into the classroom. You'll leave with marketable skills and a network of friends and business associates that spans the globe.

For schedules at GIA campuses worldwide see pages 21-25 or visit GIA.edu/schedules

Graduate Gemologist Program

The GIA Graduate Gemologist diploma program delivers a comprehensive gemology education on diamonds and colored stones. Using the latest gemological equipment, you will work with natural diamonds and gems 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 synthetic gems; and using the GIA Colored Stone Grading System to determine gemstone quality. When studying on campus, you will keep 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 refractometer with polarizing filter and removable magnifying eyepiece, refractive index (RI) liquid, a lab manual and printed course materials.

What You Earn: Graduate Gemologist Diploma, Graduate Diamonds Diploma, Graduate Colored Stones Diploma
Tuition: \$21,000
Books & Materials: \$1,670
Total Charges: \$22,670 + applicable sales tax
Course Dates: See schedule on pages 21-25

Graduate Diamonds Program

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 – 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, synthetic diamonds and diamond simulants. Other topics covered include the effect of fluorescence on diamond body color; 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 keep 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 Earn: Graduate Diamonds Diploma
Tuition: \$6,600
Books & Materials: \$320
Total Charges: \$6,920 + applicable sales tax
Course Dates: See schedule on pages 21-25

Graduate Colored Stones Program

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 synthetic 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 60 species of gemstones, and how illumination techniques can facilitate the identification process. When studying on campus, you will keep a polariscope, a dichroscope, a handheld spectroscope, a refractometer with polarizing filter and removable magnifying eyepiece, refractive index (RI) liquid, a lab manual and printed course materials.

What You Earn: Graduate Colored Stones Diploma
Tuition: \$14,400
Books & Materials: \$1,350
Total Charges: \$15,750 + applicable sales tax
Course Dates: See schedule on pages 21-25



Courtesy:
T. M. C. International

ON-CAMPUS JEWELRY MANUFACTURING ARTS

Become the jewelry designer or craftsperson you aspire to be by learning the techniques taught at a GIA campus. Take your ideas and turn them into high-quality pieces of fine jewelry through hands-on, action-oriented coursework as you learn from talented instructors at a fully equipped work station. Study with students from around the world who are as passionate about the industry as you are.

For schedules at GIA campuses worldwide see pages 21-25 or visit GIA.edu/schedules

Graduate Jeweler Program

The Graduate Jeweler diploma program is a hands-on learning experience that prepares you for a career as a bench jeweler, and covers skills valuable for jewelry designers, CAD modelers and sales professionals. You will work with gems and precious metals, taking projects from castings to finished, set, and polished pieces. Progressive skill-building projects develop techniques like polishing, filing, texturing, sawing and general torch skills. Projects are made at your own workbench, which is equipped with a torch, a micromotor and an essential toolkit. You will keep hand tools; select pieces of jewelry you have crafted; and a mobile device that includes technical illustrations, instructional videos and bench reference guide.

What You Earn: Graduate Jeweler Diploma
Tuition: \$21,400
Books & Materials: \$1,650
Total Charges: \$23,050 + applicable sales tax
Course Dates: See schedule on pages 21-25

Comprehensive CAD/CAM for Jewelry Course

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 (Rhino 3D and Matrix) to develop models, and V-Ray software for photorealistic rendering. Topics covered also include subtractive and additive CAM machines, 3D printed models of selected designs, jewelry manufacturing techniques, GIA Quality Assurance Benchmarking, and jewelry engineering standards.

What You Earn: Comprehensive CAD/CAM for Jewelry Certificate
Tuition: \$5,750
Books & Materials: \$100
Total Charges: \$5,850 + applicable sales tax
Course Dates: See schedule on pages 21-25



Design by Tess Lecklitner
GIA Jewelry Design &
Technology Graduate

Jewelry Design & Technology Program

The Jewelry Design & Technology diploma program covers topics essential to becoming a jewelry designer and technology professional, including being able to create a piece of jewelry in CAD, understanding the challenges that come with its manufacturing, and knowing how to make it within budget. Instructors teach GIA's three-step process of inspiration, manipulation and communication to create attractive designs that are engineered for manufacturing. Other topics taught include important periods of jewelry history and their influence on contemporary design, jewelry manufacturing techniques, trade and safety practices, business fundamentals and decorative techniques. You will also be provided with a one-year student license for Matrix and Rhinoceros software, a 10x loupe and hand-measuring tools for you to keep.

What You Earn: Jewelry Design & Technology Diploma
Tuition: \$19,900
Books & Materials: \$570
Total Charges: \$20,470 + applicable sales tax
Course Dates: See schedule on pages 21-25

Jewelry Design Course

In this intensive nine-week course, instructors teach creative and technical 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 be able to keep your design toolkit, which contains a variety of paints, pencils, brushes, templates, papers and vellum, and other art tools.

What You Earn: Jewelry Design Certificate
Tuition: \$6,000
Books & Materials: \$350
Total Charges: \$6,350 + applicable sales tax
Course Dates: See schedule on pages 21-25

DISTANCE EDUCATION GEMOLOGY eLEARNING COURSE AND LAB CLASS DESCRIPTIONS

For Schedules at GIA campuses worldwide see pages 21-25 or visit GIA.edu/schedules

GIA offers five diplomas you can earn through Distance Education eLearning courses and lab classes. Below are the courses and lab classes required to earn your diploma.

COURSE REQUIREMENTS	DIPLOMAS				
	APPLIED JEWELRY PROFESSIONAL	GRADUATE DIAMONDS	GRADUATE COLORED STONES	GRADUATE GEMOLOGIST	GRADUATE PEARLS
eLEARNING COURSES					
GEM 110 – JEWELRY ESSENTIALS	•				
GEM 120 – COLORED STONE ESSENTIALS	•		•	•	
GEM 130 – DIAMOND ESSENTIALS	•	•		•	
GEM 230 – DIAMONDS & DIAMOND GRADING		•		•	
GEM 220 – COLORED STONES			•	•	
GEM 240 – GEM IDENTIFICATION			•	•	
GEM 149 – PEARLS					•
LAB CLASSES					
GEM 230L – DIAMOND GRADING LAB		•		•	
GEM 220L – COLORED STONE GRADING LAB			•	•	
GEM 240L – GEM IDENTIFICATION LAB			•	•	
GEM 149L – PEARL GRADING LAB					•

For complete descriptions, visit GIA.edu

GEM 110 JEWELRY ESSENTIALS – eLEARNING

Required for: AJP Diploma

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. The course also covers watches and giftware. The final exam is online, open book, and does not require a proctor.

Maximum Completion Time: 3 months
What You Earn: Jewelry Essentials Certificate
Tuition: \$185
Optional Books: \$65 + S&H + applicable sales tax

GEM 120 COLORED STONE ESSENTIALS – eLEARNING

Required for: AJP, GG, Graduate Colored Stones, Gemologist Diplomas

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. Reference material includes the *GIA Essential Colored Stone Reference Guide* PDF, which contains important and interesting facts about today's most popular gemstones. The final exam is online, open book, and does not require a proctor.

Maximum Completion Time: 3 months
What You Earn: Colored Stone Essentials Certificate
Tuition: \$185
Optional Books: \$80 + S&H + applicable sales tax

GEM 130 DIAMOND ESSENTIALS – eLEARNING

Required for: AJP, GG, Graduate Diamonds, Gemologist Diplomas

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. The final exam is online, open book, and does not require a proctor.

Maximum Completion Time: 3 months
What You Earn: Diamond Essentials Certificate
Tuition: \$185
Optional Books: \$65 + S&H + applicable sales tax

GEM 230 DIAMONDS & DIAMOND GRADING – eLEARNING

Required for: GG, Graduate Diamonds, Gemologist Diplomas

Prerequisite: GEM 130

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, synthetics and simulants; 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 – dealers, cutters, manufacturers. The final exam is online, closed book, and proctored; see the current [GIA Education Catalog](http://GIA.edu/education/catalog) for details.

Maximum Completion Time: 15 months
What You Earn: Diamonds & Diamond Grading Certificate
Tuition: \$1,670 or \$167 x 10 months interest free
Optional Books: \$150 + S&H + applicable sales tax

GEM 220 COLORED STONES – eLEARNING

Required for: GG, Graduate Colored Stones, Gemologist Diplomas
Prerequisite: GEM 120

This course covers 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. You will cover the *GIA Gem Reference Guide* PDF, which contains information on and properties of virtually all commercially available gemstones. The final exam is online, closed book, and proctored; see the current [GIA Education Catalog](http://GIA.edu/education/catalog) for details. For students continuing on to the Gem Identification eLearning course, see disclosures about shipping to locations outside of the U.S. in the current [GIA Education Catalog](http://GIA.edu/education/catalog).

Maximum Completion Time: 18 months
What You Earn: Colored Stones Certificate
Tuition: \$1,670 or \$167 x 10 months interest free
Optional Books: \$250 + S&H + applicable sales tax

GEM 240 GEM IDENTIFICATION – eLEARNING

Required for: GG, Graduate Colored Stones, Gemologist Diplomas

Prerequisites: GEM 120, GEM 220

Practice identifying more than 60 species of gemstones, distinguishing natural gems from synthetics, 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. You'll also receive the *Gem Identification Lab Manual* PDF and instructional videos. The final practical exam is open book and proctored; see the current [GIA Education Catalog](http://GIA.edu/education/catalog) for details.

Due to the complexities of custom regulations, shipping or transporting Gem Identification stone sets, and completing the course within allowed time limits, students in international locations should carefully review full details and disclosures in the Catalog before registering.

Students must confirm their access to required equipment before registering, and talk with their primary instructor to discuss course details.

The following instruments and equipment are required: gem tweezers (non-locking); daylight-equivalent light source; Mini Maglite (incandescent) or equivalent; monochromatic light source; gemological binocular microscope minimum 10x and 30x (darkfield illumination); gem cloth; refractometer with removable magnification piece, white light source, and polarizing filter; refractive index (RI) liquid 1.81; optic figure sphere; dichroscope (calcite preferred); polariscope; and spectroscope.

These instruments are not included with the course materials. (Be sure to read the Chemical Safety Disclosure in the Catalog.) You can purchase a professional Gem Identification instruments student package through GIA Instruments at store.GIA.edu for an estimated retail price of \$2,500.00 (S&H and tax are not included.) As an alternative, you can complete your assignments in GIA Student Workrooms (equipped with these professional tools). For Student Workroom activities, hours, and fees, visit GIA.edu

Maximum Completion Time: 24 months
What You Earn: Gem Identification Certificate
Tuition: \$2,040 or \$204 x 10 months interest free
Optional Books: \$250 + S&H + applicable sales tax

GEM 149 PEARLS – eLEARNING

Required for: Graduate Pearls Diploma

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. The final exam is online, open book, and does not require a proctor.

Maximum Completion Time: 6 months
What You Earn: Pearls Certificate
Tuition: \$600 or \$150 x 4 months interest free
Optional Books: \$125 + S&H + applicable sales tax

LAB CLASSES

See pages 22-25 for worldwide lab class schedules or visit GIA.edu/schedules

GEM 230L DIAMOND GRADING LAB

Required for: GG, Graduate Diamonds Diplomas

Blending 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 jeweler's loupe. Students study GIA's International Diamond Grading System™, explore time-saving shortcuts to determine a variety of grading factors, and study ways to read a GIA Diamond Grading Report. You will spend more than 16 hours practicing grading techniques on diamonds, selected and graded by GIA. You will study how to recognize the most common diamond features. Students must pass a two-stone practical exam. Once the class is completed, you keep a lab manual, a pointer probe, a gem cloth, a plotting pen set, a table gauge, a crown angle card, and a color grading card.

Class Duration: 5 days (or 10 nights when applicable)
What You Earn: Letter of Completion
Tuition: \$1,500 (Carlsbad, New York); \$1,600 (Tucson)
Books & Materials: \$125
Total Charges: \$1,625 + applicable sales tax (Carlsbad, New York); \$1,725 (Tucson)

GEM 220L COLORED STONE GRADING LAB

Required for: GG, Graduate Colored Stones Diplomas

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. Once you have completed the class, you keep a lab manual, a gem cloth and a color grading card.

Class Duration: 3 days (or 6 nights when applicable)
What You Earn: Letter of Completion
Tuition: \$1,000 (Carlsbad, New York)
Books & Materials: \$75
Total Charges: \$1,075 + applicable sales tax

GEM 240L GEM IDENTIFICATION LAB

Required for: GG, Graduate Colored Stones Diplomas

Students practice the same time-tested procedures and identification skills used by the Institute's gemological experts. Tools used include a microscope, a refractometer with polarizing filter and a removable magnifying eyepiece, refractive index (RI) liquid, a polariscope with an optic figure sphere, a dichroscope, a table model prism spectroscope, a handheld spectroscope and a loupe. Students use these instruments to practice identifying natural gemstones, imitations and synthetics. Along with hands-on training, instructors demonstrate key tests and coach you in quick, effective testing procedures. (Be sure to read the Chemical Safety Disclosure in the current [GIA Education Catalog](http://GIA.edu/education/catalog).) Once you have completed the class, you keep a lab manual, a gem cloth, a mini Maglite and a color grading card.

Class Duration: 5 days (or 10 nights when applicable)
What You Earn: Letter of Completion
Tuition: \$1,500 (Carlsbad, New York)
Books & Materials: \$125
Total Charges: \$1,625 + applicable sales tax

GEM 149L PEARL GRADING LAB

Required for: Graduate Pearls Diploma

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 to promote the relationship between beauty, value and quality. Upon completing the class, you will keep a lab manual for future reference.

Class Duration: 1 day (or 2 nights when applicable)
What You Earn: Letter of Completion
Tuition: \$300 (Carlsbad, New York)
Books & Materials: \$15
Total Charges: \$315 + applicable sales tax

Note: Tuition and Fees subject to change

A Wealth of Experience

London Instructors Share Their Journey to GIA

The road to becoming a GIA instructor is one marked by dedication, passion and uncommon skill. Meet four gemology and jewelry design faculty at the London campus who love sharing their knowledge with students.

Miriam Moscicki, GIA GG – Gemology

Miriam's introduction to the world of jewelry came at age six, when her mother started working as a diamond grader for the Israel Diamond Exchange. Seeing her first diamond at that young age was "love at first sight." After an internship at the Israel Diamond Exchange, Miriam served a compulsory two-year tour of duty in the Israel Defense Force, all the while hoping to study at GIA. She then received a scholarship to GIA in London, and after earning her Graduate Gemologist diploma there, returned to Israel and began working in a lab, first as the gemologist and then as the head gemologist.



"The amount of pride and satisfaction you get from all the hard work and long hours with students is priceless. I get to sit back and see how they absorbed so much information, are now standing tall on their own feet and are the most professional gemologists they can be."

Anu Manchanda, GIA GG – Gemology

While working in a gem lab, Anu developed a fascination with gemology, and began her formal gemological education. She earned several gemological and jewelry professional diplomas, including a master's degree in geology and the GIA Graduate Gemologist diploma. In 2004, Anu was awarded the prestigious Christie's Prize for Gemmology. Anu's professional background includes a position as a senior gemologist at the Birmingham Assay Office's gem certification lab, where she was responsible for diamond, colored stone and pearl testing. Anu also tutored students for the Gemmological Association of Great Britain diploma course.



"As the largest gemological institute, GIA gives the students a global perspective. GIA is known for having the highest integrity in the industry, which means that graduates can have confidence that their diplomas will hold the highest merit."

Paula Carter Andrews, Jewelry Manufacturing Arts

A love of design, making beautiful things, and working with precious metals eventually brought Paula to the world of jewelry and GIA in London. Before coming to GIA, Paula attended several art schools, which included coursework in 3D jewelry design. After graduation, she worked with a master silversmith and goldsmith, and spent a number of years as a bench jeweler. It was there that her fascination with design began to take root. Paula immersed herself in learning how to draw, CAD/CAM, and manufacturing techniques. Now she shares her hard-won knowledge with her students as an instructor of Jewelry Design and Comprehensive CAD/CAM for Jewelry at GIA.



"Studying at GIA is a creative journey. You will learn skills which will give you the confidence to move forward in the jewelry industry. It is a unique experience shared with like-minded people."

Francesca Lawley, GIA GG – Gemology

Gems have been a part of Francesca's life since her earliest memories. As a youth, she would go rock hunting during holidays, and as a teenager, became an avid rock collector. After earning a master's degree in geology, Francesca worked for three years as an exploration geologist for a mining consultancy in Australia. While there, she trained gemologists on how to conduct fieldwork and ran an exploration team. Francesca then fulfilled her ambition of working with gems by earning her GIA Graduate Gemologist diploma and becoming a GIA instructor.



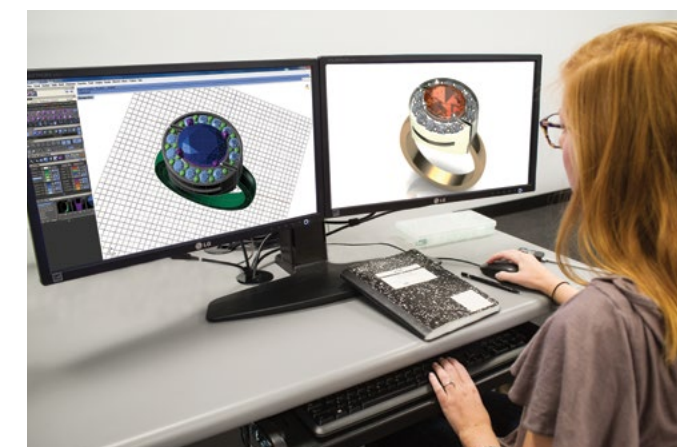
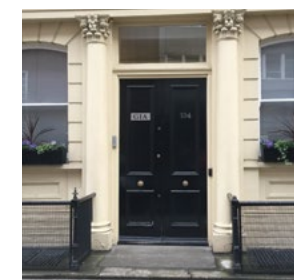
"If you have the passion to work hard and dedicate yourself you can achieve your dreams of working in whatever sector of the gem and jewelry trade you like."

New Look, and Now Offering CAD Modeling

Making Room for a High-Tech Course

Since GIA in London opened its doors in October 2002, more than 1,300 graduates have gone on to create rewarding careers in the gem and jewelry industry. In spring 2016, the campus underwent a remodel that broadened its curriculum to include the Comprehensive CAD/CAM for Jewelry certificate course.

The campus' four classrooms have been outfitted with new ergonomic desks and furniture, and large flat-screen monitors to enhance class interactions and the visibility of instructor presentations. Upgraded Wi-Fi provides fast Internet access for both teaching and student use, and the building has been refurbished to maximize light and space. All this makes GIA's London campus a perfect place to immerse yourself in learning the gem and jewelry craft.



Starting this August, GIA in London's Comprehensive CAD/CAM (Computer-Aided Design/Computer-Aided Manufacturing) for Jewelry certificate course takes place in a room specially remodeled for high-tech 3D modeling. Sophisticated technology allows instructors to easily collaborate with one or all the students from the instructor's desk. Students work on projects at modern workstations using high-speed computers with dual monitors.

A diverse student body, friendly faculty and a proven curriculum make for an inspiring and immersive experience, notes GIA CAD/CAM instructor Paula Carter Andrews. Few local schools offer CAD/CAM for jewelry design, so the course will be a welcome resource. Add in the city's rich history, a melting pot of cultures, and world-class museums, and GIA in London is the perfect place for aspiring designers.

"A GIA education gives students practical, in-demand skills. And since London is home to many of the important jewelry design houses and is undergoing a renaissance in jewelry design, professional opportunities abound after graduation," said Campus Director Mehdi Saadian.

CENTRAL LONDON



The GIA campus in London is located in the Bloomsbury area, long associated with the arts and education. Nearby is the Hatton Garden jewelry district - the center of the UK diamond trade, Bond Street's luxury West End shops, the British Museum and many other important attractions.



Learn more about GIA instructors at the campus faculty pages on GIA.edu

The Robert Mouawad Campus
5345 Armada Drive
Carlsbad, CA 92008



GIA®

EDUCATION

Quarterly

GIA SCHOLARSHIPS AVAILABLE FOR 2017

The next scholarship
application period is
August 1 to September 30.

GIA.edu/scholarships



GIA Jewelry Career Fair

SAVE the Date

Monday, July 25 – New York, NY
Friday, October 7 – Carlsbad, CA

GIA.edu/career-fair

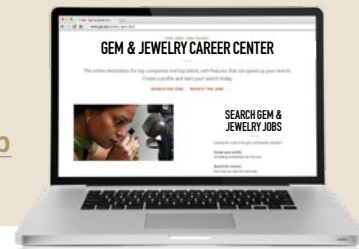
GIA Gem & Jewelry Career Center

The Online Destination for
Top Companies and Top Talent.

Find careers.

Find candidates.

GIA.edu/gem-job



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