

I would like to thank

you for your inquiry into the DROUHARD NATIONAL JEWELERS SCHOOL. As you browse through the catalog you'll find extensive planning and preparation have gone into each of the programs. Each of the programs have been designed from the experience I gained through twenty years as the owner and operator of Hart Manufacturing, an Ohio based jewelry trade shop. Each program completes a specific skill level, and that's important. Some jewelry repair programs only cover the soldering aspects of repair. Since many types of stones must be removed before repairing the jewelry piece, stone setting skills are essential and included in my jewelry repair program. It's these differences that become apparent as you read and enjoy this detailed catalog. All aspects are directed towards presenting information you will learn today and use tomorrow. I invite you to participate.



2026

**Tim Drouhard
President**

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Malabar Farm

Just one of the many places you'll want to visit.

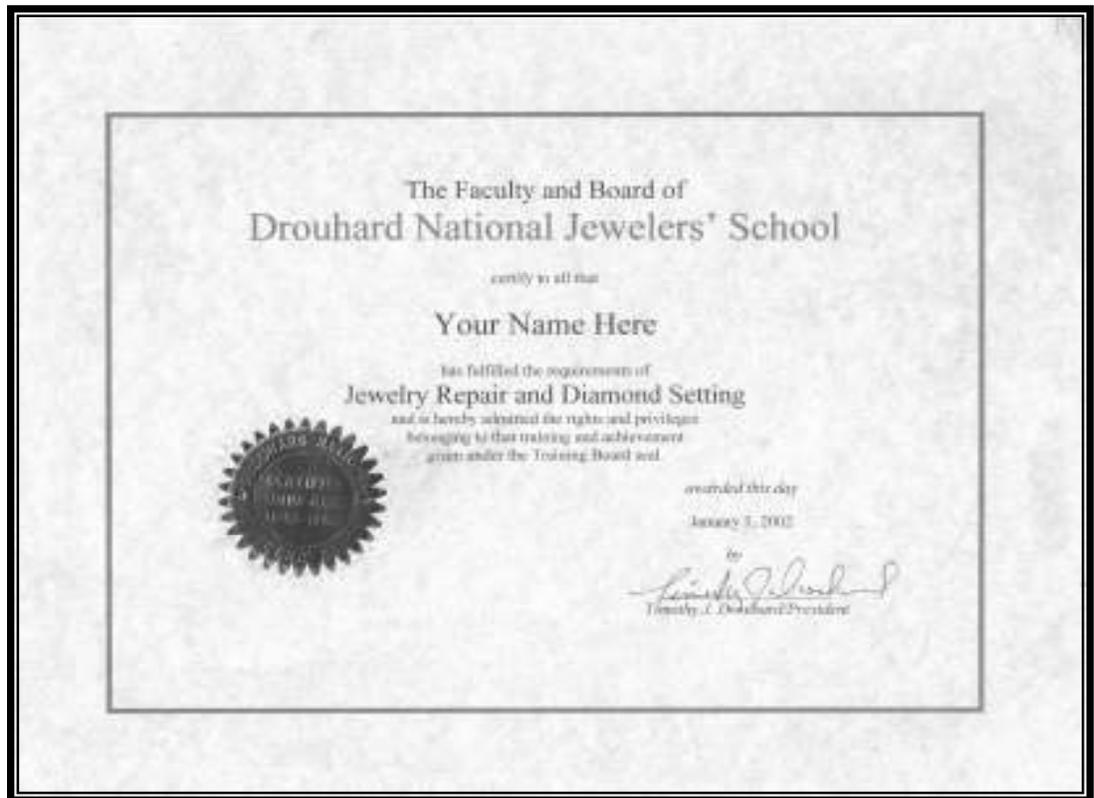
Home of Pulitzer prize winning author– Louis Bromfield.

A good friend to Humphrey Bogart & Lauren Bacall who were married there.

QUICK FACTS

- 5-Day programs (35 hours)
- Monday– Friday
- 8:30 am– 4:30 pm
- To ensure personal attention, class sizes are limited
- Certificates are awarded upon successful completion of each program
- Mansfield is conveniently located midway between Cleveland and Columbus, approximately one hour to either airport
- MASTERCARD/VISA accepted

Awarded upon
Completion of program



SCHEDULE 2026

PROGRAM I

Jan 5 - 9
Mar 9 - 13
May 11 - 15
July 20 - 24
Sept 7 - 11
Oct 5 - 9
Nov 16 - 20

PROGRAM II

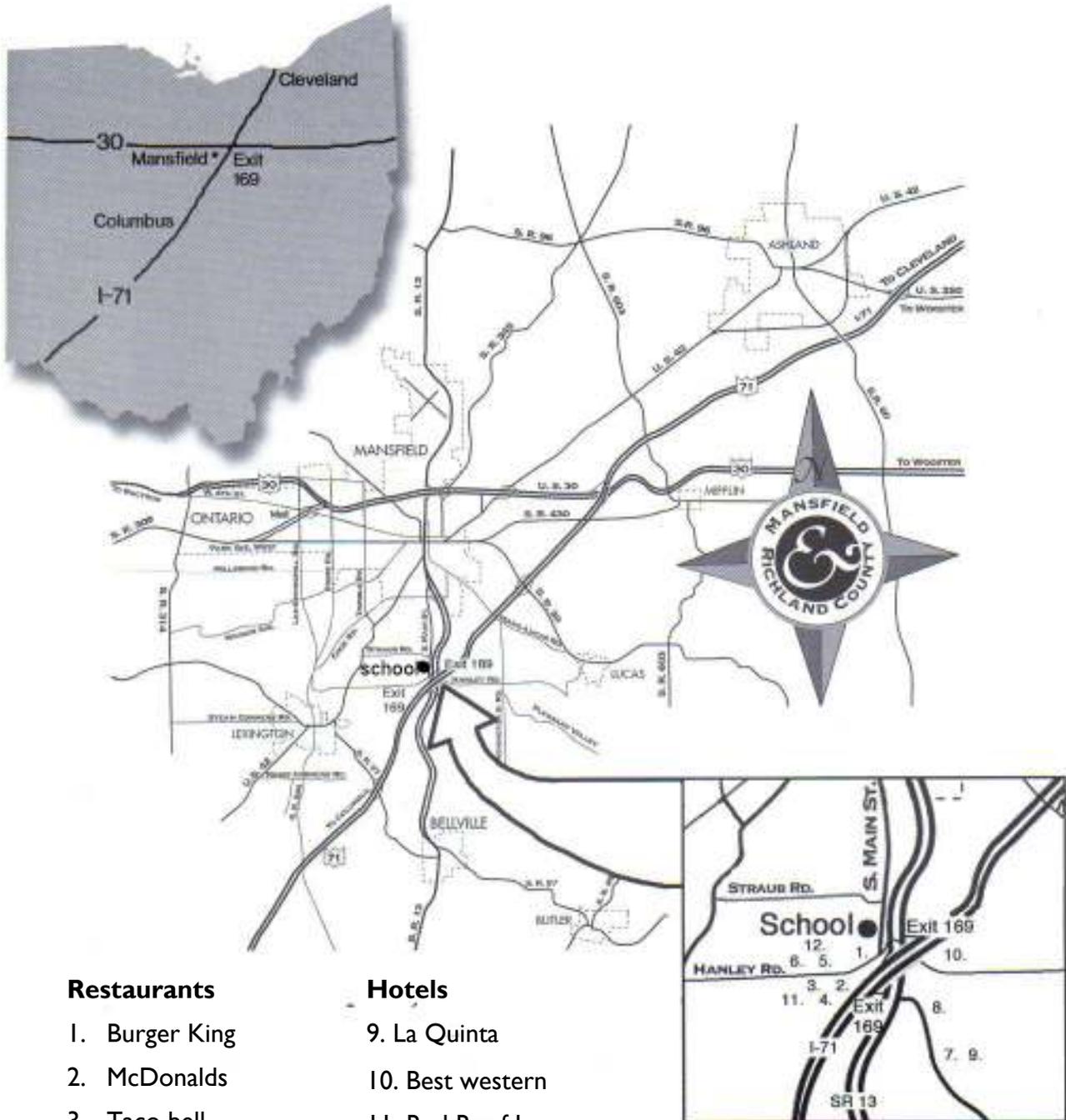
Jan 12 - 16
Mar 16 - 20
May 18 - 22
July 27 - 31
Sept 14 - 18
Oct 12 - 16

PROGRAM III

Aug 17 - 21
Oct 19 - 23

“*” Denotes our most popular 5-day programs packed into a convenient 3-day weekend. The school will be closed on dates not listed

SCHOOL LOCATION



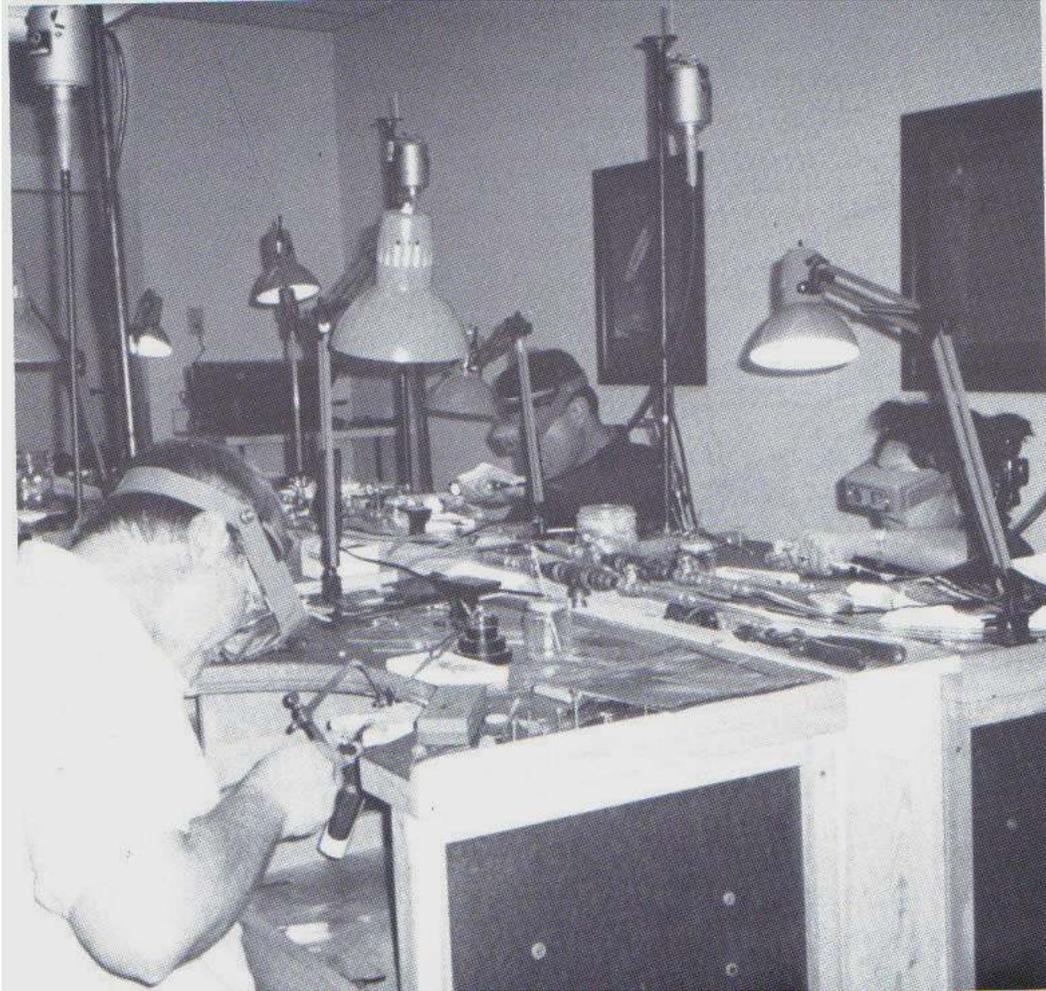
Restaurants

1. Burger King
2. McDonalds
3. Taco bell
4. Arby's
5. Bob Evans
6. El Campensino
7. Cracker Barrel
8. Steak & Shake

Hotels

9. La Quinta
10. Best western
11. Red Roof Inn
12. Travel Lodge
13. Hampton Inn

Program I



Jewelry Repair and Diamond Setting

This program will provide the student the confidence to tackle repair jobs encountered daily by any jeweler. This program is designed for the beginner, but is broad enough to be enjoyed by the professional jeweler.

DESCRIPTION OF SUBJECTS

Precious Metal Facts

There will be a thorough discussion of the unique traits of various precious metals and their compositions. The student will be taught government regulations concerning quality marks. The student will practice testing various precious metals for identification.

Jewelry Cleaning

Several cleaning methods will be demonstrated, as well as the prevention and removal of oxidation and tarnish.

Introduction to the Torch

Installation, safety, and usage of the torch system will be explained. The student will practice adjusting his/her torch to a reducing, oxidizing, and neutral flame.

Soldering

Prior to soldering, an article will be prepared and set up for soldering. Flux and anti-flux will be explained. Through repetition, the student will master the tweezer and pick-up method.

Hand Tools

The student will learn the correct techniques for filing, sawing, and shaping of metals and begin forming good habits through practice.

Ring Assembly

The student will build two types of rings by forming flat wire into shanks and soldering heads in place. In practice, the student will use a recessed head and a peg head in preparation for diamond setting. Further explanation covers four and six prong tiffany style head and shank assembly, expansion shanks, and guards.

Ring Sizing, Stretching, and Shank Repair

The proper techniques for sizing, repair and stretching of sterling silver, white and yellow gold, and platinum are explained. The student is given ample time to practice sizing rings up and down. The student will learn tricks of the trade to size worn shanks, find invisible solder joints, and stretch bands many sizes.

Jewelry Supplies

Jewelry findings and tools are explained and the student will become familiar with them in preparation for diamond setting.

Diamond Setting

The student is taught correct methods of setting diamonds in several of the most common ring styles. He/she will practice setting 1ct. synthetic stones in the previously prepared ring.

Pin Point Diamond Setting

Setting a smaller stone provides a new challenge as the student practices setting a 5 pt. stone in an illusion top using a beading tool.

Buffing and Polishing

Achieving a superior luster is the final stage to a professional job. It is accomplished by the student with guidance in the proper selection of compounds and correct techniques of buffing, lapping, and polishing.

Removing and Tightening Gemstones

Several methods of safely removing and tightening diamonds and other gemstones are taught. The student then practices the removal, resetting, and the vectorial method of tightening a stone.

Prong Repair

Building up and replacing prongs is made simple after the correct techniques are shown. The student practices all types of prong repair, from full prong replacement to re-tipping.

Annealing

The student learns how to soften gold to make it more workable and return the gold to its original hardness.

Sweat Soldering

Once again, the student practices his/her soldering techniques. This time a new method is introduced, called sweat soldering.

Bezel Setting and Fabrication

With the new skill of sweat soldering, the student learns to fabricate a bezel mounting. The student finishes his/her project by bezel setting a cabochon stone.

Chain Repair

The precision techniques of chain repair becomes second nature after proper instruction. The student practices weaving and butting techniques used when repairing serpentine, herringbone, and hollow chain. Also included is instruction on kink removal and special buffing techniques.

Changing Wire Gauge

The student is instructed on the usage of the rolling mill and draw plate to form wire and change gauge. The student practices drawing wire and also learns a valuable technique for sizing rings when the proper sizing stock is not on hand.

Popular Texturing

The student will learn how each of the popular finishes are created. "diamond cuts", florentine, satin, and stone finishes are just a few of what will be demonstrated.

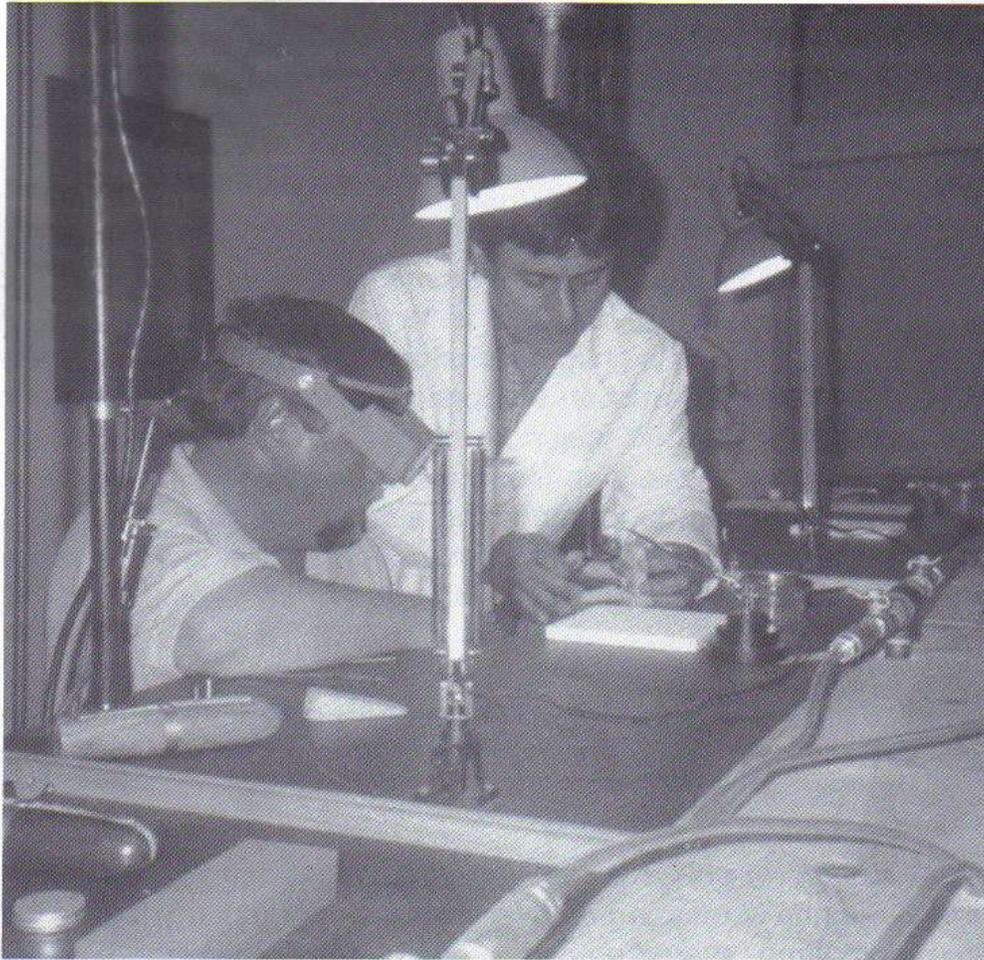
Hollow Jewelry

Many of the beautiful pieces of jewelry today are hollow. While beautiful, they require special techniques to repair them. It is these techniques that will be taught.

Rhodium and Gold Electroplating

Beautiful, rich color is often obtained through the art of electroplating. The student learns the process for two-toning, vermeil, rhodium plating and gold plating.

Program II



Advanced Diamond Setting

This program will provide a comprehensive background in diamond setting. It is for the person who is already proficient in most soldering techniques. It prepares the student for the more difficult repairs and remounts. A graduate of this program would feel confident to own and operate their own store or trade shop.

DESCRIPTION OF SUBJECTS

Gemstone Characteristics

A knowledge of various gemstones is essential to successful stone setting. There will be a discussion on diamond and gemstone durability and the potential problems inherent to some stones.

Setting the Emerald Cut

Setting the emerald cut gemstone presents a challenge to many jewelers. The student will accomplish setting the emerald cut through demonstrations and practice. The student will learn to undercut a seat and tighten the prongs to complete his/her setting.

Graver Design

One of the most important tools to the diamond setter is the graver. It is used to work metal over a stone to set it or to remove metal to highlight the stone. Instruction will be given on the various types of gravers. The student will accomplish sharpening his/her gravers to a mirror edge.

Bead Setting

Bead setting is a valuable technique for mounting a stone flush into the surface. The student will practice correctly seating his/her stone, raising a bead to tighten it and finishing the set. Instruction will also include two methods for repairing worn beads.

Star Bright Cutting

Bright cutting a design around a gemstone will enhance its size and beauty. There will be a discussion on the techniques involved. The student will practice these techniques by bright cutting a star and bead setting a center stone.

Cluster Setting

The cost of large diamonds is bringing an ever increasing popularity for the cluster set. Instruction will be given on undercutting, shared prongs, proper setting order and tightening. There will be sufficient time given for the student to practice and complete his/her cluster setting.

Bar Setting

Accepting a wide range of stone sizes, the bar set is one of the most common settings encountered. After a demonstration on two methods of bar setting, the student will choose one method and set a gemstone.

Block Bright Cutting

Block bright cutting continues the students experience using gravers. Starting with a flat sheet, various gravers, and step by step instructions, the student will bright cut reflective panels at a forty five degree angle and bead set his/her stone. His/Her setting will be completed with a millgrain edge.

The Tiffany Setting

Probably the most common ladies style of ring that is encountered is the tiffany mounting. The student will learn to install a tiffany head. The student will learn the do's and don'ts of repairing the tiffany head and he/she will finish by setting a one half carat cubic zirconia.

Channel Setting

Many contemporary ring styles incorporate the clean lines of channel set gemstones. After a detailed explanation of the process, the student will practice channel setting several matched stones. Several methods of tightening and repair will be discussed as well as care when sizing.

Gypsy Setting

This popular setting method can be found most often on gents rings, securing linde stars, tiger eyes, and other cabochon stones. The student will be given instruction and one on one assistance to guide him/her through the cutting of his/her bearing and gypsy setting of his/her stone.

Setting Oval Stones

The oval is probably the most popular shape for semi-precious stones. The student will learn proper bur selecting, seating, and tightening techniques to complete the oval setting.

Setting the Marquise

Beautiful, but delicate, best describes the marquise. With the instruction and practice provided here, the student will set this fragile stone with confidence.

Setting Pear Shaped Stones

The pear shape gives the student the opportunity to combine several of the skills learned previously in the program.

Setting Baguettes

The student will learn new methods of cutting a seat and practice them while setting the baguette.

Setting Heart Shaped Stones

Setting heart shaped stones completes the students training in setting fancy shaped stones.

Bright Cut Designs

The student designs a seven stone pattern. Two methods of lay out are introduced. The project is completed with the accumulation of several previously learned skills.

Pave` Setting

Diamond setters are often judged by their ability to pave` set. The student, by this point, possesses the necessary skills for this type of setting. With some further instruction and guidance, each student will complete a pave` setting.

Building Cluster Heads

A trick is introduced that allows the student to hold many parts at once when soldering. This gives the student the ability to build custom made cluster rings, repair filigree and complete other difficult soldering jobs.

Program III



Design, Casting and Production

This program will provide the skills necessary to manufacture jewelry. The graduate of this program will be able to present a customer with a professional drawing, make a pattern, produce the piece from precious metal and reproduce it hundreds of times if they choose. It is intended for the person who wishes to build one of a kind jewelry or mass produce a jewelry line.

DESCRIPTION OF SUBJECTS

Overview of Lost Wax Casting

The instructor will discuss the process of the lost wax method of casting. Included, will be points of interest such as history and development. Rubber mold making will also be presented.

Design and Illustration

Basic design, terminology, proportioning, and various methods of illustration will be discussed. Illustration will be taught so that even the student who is not artistically inclined will be able to present a professional drawing. The student will then design and illustrate a ring in preparation from his/her original design.

Carving Wax

The student creates one or more ring patterns using hard blue wax and a combination of carving, grinding and filing tools.

Wax Fabrication

Using a combination of wax wire and wax sheets, the students fabricates a ring pattern for molding.

Determining Metal Needs

Computing the correct quantity of precious metal to fill a mold is essential. The student will be taught two methods to accomplish this procedure. The student will then determine the correct quantity of metal needed for his/her individual project.

Spruing

The student is first taught the principals of spruing. Each student will then proceed to sprue his/her ring pattern in preparation for casting.

Mold Making

Mold making is taught with an in depth discussion and demonstration of flask preparation, investment measuring, mixing and de-bubblizing investment. The student will then build a mold to reproduce his/her pattern in metal.

Burnout

The final step to mold making is to eliminate the wax pattern through wax burnout. The student is provided information on the time and temperatures and stages necessary for burnout of various size flasks.

Metal Melting

Several methods of melting metal will be discussed. Crucible preparation, torch adjustments and melting techniques will be demonstrated.

Casting

The student will be given instruction on two types of casting: vacuum and centrifugal. The proper set up for the centrifugal casting machine will be demonstrated. Each student will be given the opportunity to cast and quench his/her work.

Porosity

The numerous causes of porosity and how to eliminate them will be discussed.

Clean-Up and Finishing

The student is instructed on methods of investment removal, working down a casting, stripping, bombing, tumbling and repair of imperfections.

Molding for Duplication

Using vulcanized rubber, the student will learn how to duplicate a ring. Packing, vulcanizing and cutting of rubber molds will be taught. The student will practice making a rubber mold.

Wax injecting

Upon completion of the rubber mold, the student will begin the duplication process by injecting wax into the mold.

Multiple Spruing

The student sets up a commercial flask using either the tree or donut method of spruing.

Nugget Casting

The student is instructed on how to build a simple relief mold. Using this technique the student creates an original nugget. Clean-up and finishing techniques will be taught and practiced. Ingot molds will also be discussed.

Casting From Nature

Nature provides an array of possibilities for fine jewelry. The student is instructed on several methods of replicating organic objects in precious metals.

Commercial Casting

The class participates in casting a short run of identical multiple parts in a commercially prepared flask. This is a useful skill in fulfilling the needs of clubs, fraternities, schools, etc..

Shop Set-Up

The student is taught casting shop set-up from basic to advanced. This is an in depth discussion of tools, equipments, supplies, and "how-to" instructions on building much of the most expensive equipment.

SCHOOL POLICIES

Attendance

Programs are tightly scheduled. Failure to complete eighty-percent of the projects will result in failing the program. If a student is tardy, cuts class, or leaves early, the student does so at his/her own expense. If a student fails to complete at least four days of a five day program, he/she will not receive a certificate.

Absent days can only be rescheduled if the student provides proof of a legitimate excuse, such as a doctors note , accident report, etc.. A student with proof of a legitimate excuse may reschedule within one year of the absence, provided space is available for the day/days chosen. Upon completion of the time missed, the student will be granted a certificate.

Termination Policy

The school reserves the right to terminate a student's training and/or deny the issuance of a certificate for any of the following reasons, but not limited to them: failure to complete the required hours, disrespectful or disruptive behavior, or the rare event a student is not able to learn the skills taught. If termination becomes necessary, the student would receive a refund in accordance with the State Board of Career Colleges & Schools guidelines.

Informal Grievance Policy

The school encourages the student to discuss with them any problems or complaints he/she may have in regards to the school and/or its programs. The school will handle all complaints in a fair and timely manner.

Formal Grievance Period

If the student wishes to file a formal grievance with the school, simply write your complaint in a clear manner and submit it to the governing body of the school or mail it to the Drouhard National Jewelers School, 2236 S. Main Street, Mansfield, Ohio 44907. Be sure to include the details such as who was involved, when, where, how, etc., in your written statement. The student should include the course of action he/she believes the school should take to rectify the situation.

All problems or complaints a student has about the school may be directed to the State Board of Career Colleges & Schools whether or not the problem or complaint has been resolved to his/her satisfaction by the school. To contact the executive director of the State Board of Proprietary School Registration call 614-466-2752, or write to: 35 East Gay Street, Columbus Ohio 43266-2752.

Placement

The school does not offer placement service for graduates, although, current job openings are posted. Ways to go about obtaining employment will be discussed during the programs.

Lodging and Travel

The student is responsible for acquiring his/her own lodging and transportation while attending the school. Information is enclosed pertaining to nearby accommodations. Air travel can be arranged at reasonable rates since the school is located approximately an hour from the Cleveland or Columbus airports.

SCHOOL POLICIES

Tuition

The cost of each program is \$1450.00, (U.S. currency) tax included. A \$100.00, registration fee is required, per program, when registering. The remaining \$1350.00 is due upon enrollment. Please! **No Personal Checks.**

Tools are provided for the students to use while attending the school. The tools remain the property of the school. No further fees are required.

Admissions & Entrance Requirements

To attend the programs you must be eighteen years of age or older. Parental consent is required if you are seventeen. Program I requires no previous training. Program II and III requires the completion of program I or comparable experience in soldering heads to shanks, sweat soldering, and four prong diamond setting.

Seating is limited to assure individual attention. To reserve a seat, simply fill out the enclosed registration form. Then mail it to the school, along with a \$100.00 registration fee per program. Upon receiving your registration and registration fee, the school will send you an enrollment agreement and a confirmation notice.

Cancellation Of Enrollment And Refund Policy

If for any reason the student cannot attend their scheduled program, the student must mail in the enclosed cancellation notice, postmarked three days before class begins. Upon receiving the notice of cancellation, a full refund of tuition paid, minus the registration fee, will be due to the student.

If a student officially withdraws after a five day program has begun, the student is entitled to a refund in accordance with the guidelines set up by the State Board of Career colleges & Schools. The State Board of Career Colleges & Schools guidelines are as follows:

A student who officially withdraws before the second class of a program is entitled to a seventy-five per cent refund.

A student who officially withdraws before the third class of a program is entitled to a twenty-five per cent refund.

A student who starts class and officially withdraws after the third class is not entitled to a refund.

Official withdrawal date for refund purposes is defined as five days after the last date of physical attendance unless earlier withdrawal is requested in writing by the student.

Cancellation Of Classes

In the event a day or days of a program must be cancelled due to death, sickness, weather, etc., the student will have the option of re-scheduling those classes missed or receiving a refund. Re-scheduling will depend upon available space. The school reserves the right to cancel a program at any time with no responsibility other than a full refund of monies paid to the Drouhard National Jewelers School.

Progress Report

A daily record will be kept of the students' progress. Projects are graded on a pass/fail basis. If the student seems unable to accomplish a project in the allotted time, an additional thirty minutes will be granted. The student is expected to complete eighty percent of the projects presented and pass the final examination to receive a certificate. The final examination covers basic topics discussed during the program.