

CLOCK MAKER COURSE (CMC)

OBJECTIVE: This course will provide instruction by designing and making clock parts while utilizing the principles and techniques learned in previous courses and reinforcing the confidence needed to pursue this trade to the fullest extent. This course will prepare the student for an occupation as an expert clock maker.



(CMC (CSC 1):

**15 Hours
Instruction
\$550.00**

Building on the Clock Specialist Course, the student will learn about the lathe, close tolerances, and cutting and polishing brass and steel. Work with hard (tempered) and soft (annealed) metals. Pre-requisite: the student must complete the Clock Specialist Course.

(CMC 2): 15 Hours Instruction \$550.00

Practice making arbors, replacing pivots, putting teeth in wheels, and more. Pre-requisite: CMC 1

(CMC 3): 15 Hours Instruction \$550.00

Adjust the length of mainsprings, make a pendulum, reface pallets, and replace verge wires. Pre-requisite: CMC 2

(CMC 4): 15 Hours Instruction \$550.00

Begin to make and build a wooden clock. Following a pattern, cut the "plates" and "pillars", and locate and drill holes for bushings. Pre-requisite: CMC 3

(CMC 5): 15 Hours Instruction \$550.00

Make the wheels and arbors for your clock. Pre-requisite: CMC 4

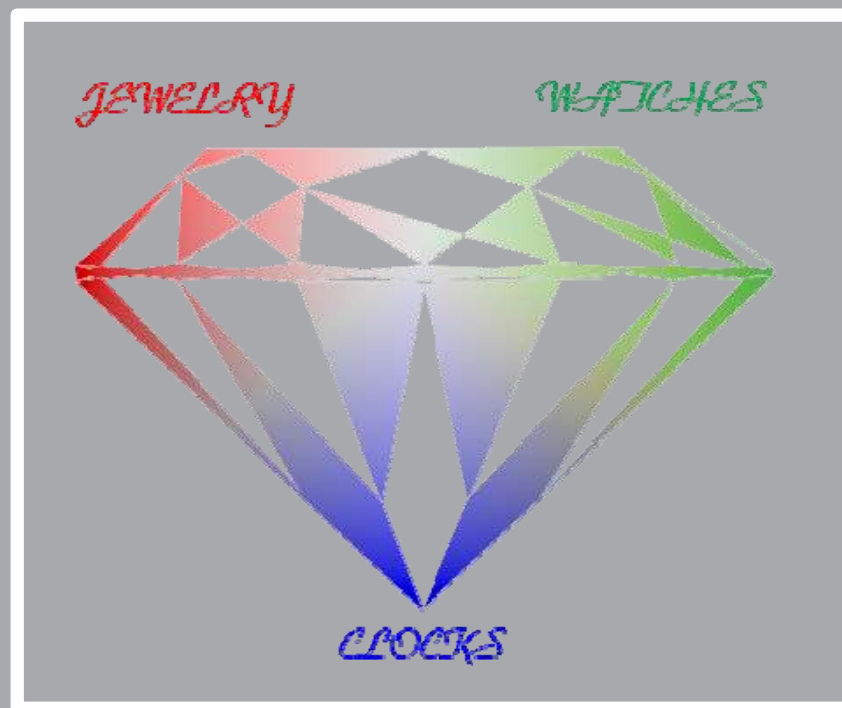
(CMC 6): 15 Hours Instruction \$550.00

Assemble and adjust your clock. Make a dial and hands. Pre-requisite: CMC 5

Risch's Watch, Clock, & Jewelry Repair School

Let us show you the many facets of the jewelry profession.

OFFICIAL STUDENT HANDBOOK AND COURSE
CATALOG



8790 Plata Lane, Ste. #B, Atascadero, CA 93422
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About Risch's Watch, Clock & Jewelry Repair School



Rolland “Rusty” Risch and his wife, Juanita, established Risch’s Jewelers in 1977 in Atascadero, Ca. (about 20 miles north of San Luis Obispo, Ca.). His experience in jewelry, watch, and clock repair as an apprentice under several jewelers has been instrumental in the success of their business. Over the years, he has provided instruction to his four children and several close friends.

Because of his knowledge, experience, and reputation for honesty, he was asked to become an instructor. Risch’s Watch, Clock & Jewelry Repair School was established in June 1995.

Risch’s Watch, Clock & Jewelry Repair School offers many accelerated courses in the fields of Jewelry, Watches, and Clocks. Each course is designed to provide every student with the skills, tools, and resources needed to be confident and productive for the chosen field of instruction and for the chosen skill level. Upon completion of the Repairman course, students are encouraged to complete the Specialist course in order to receive the title of “Professional”. Students who complete the Maker course receive the title of “Master”.

Additional shorter seminars may be available on select Saturdays. Each seminar comes complete with some select tools, materials, and a Certificate of Completion.

CLOCK SPECIALIST COURSE (CSC)

OBJECTIVE: To cover in depth all areas of clock repair by learning repair techniques and applying them on projects in a one-on-one student/teacher setting. This course will prepare the student for an occupation as an expert in watch repair.



(CSC 1): 15 Hours Instruction \$550.00

Building on the Clock Repair Course, this course will step the student back in time with antique clocks and will explore the technology of the future. Pre-requisite: the student must complete the Clock Repair Course.

(CSC 2): 15 Hours Instruction \$550.00

While mastering the nomenclature of parts, compare different clocks with their functions and styles. Pre-requisite: CSC 1

(CSC 3): 15 Hours Instruction \$550.00

Critique the close tolerances needed for a timepiece to “run like a clock”. Pre-requisite: CSC 2

(CSC 4): 15 Hours Instruction \$550.00

Troubleshoot clocks correctly to make repair estimates cost effective. Pre-requisite: CSC 3

(CSC 5): 15 Hours Instruction \$550.00

Expertly adjust chiming and striking clocks as well as cucu’s and ship’s bells. Pre-requisite: CSC 4

CLOCK REPAIR

CLOCK REPAIR COURSE (CRC)

OBJECTIVE: To introduce the basics of clock repair by learning the terminology, tools, practices, and techniques in a one-on-one student/teacher setting. There will be hands-on experience in minor repairs. This course will prepare the student for an occupation in clock repair with basic expertise.

(CRC 1): 15 Hours Instruction \$450.00



First session in the Clock Repair Course series. This class will introduce the student to clocks in general. Enter the "time zone" and discover what makes antique clocks tick, timepieces keep time, and what causes the chiming and striking in clocks. There is no pre-requisite for this session.

(CRC 2): 15 Hours Instruction \$450.00

Understand what quartz technology is all about. Learn about the differences and similarities between battery-operated and wind-up timepieces. Pre-requisite: CRC 1

(CRC 3): 15 Hours Instruction \$450.00

Disassemble and clean a simple clock. Discover why cuckoo's cuckoo, 400-day clocks are wound annually, and why most ship's clocks have jewels. Pre-requisite: CRC 2

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SCHOOL INFORMATION

Mission Statement

Our mission is to provide education and quality instruction in all areas of watch repair, clock repair, and jewelry repair to high school graduates or the equivalent, in order to fully prepare the prospective student(s) to be a repairman, specialist, or maker in the trades of watch repair, clock repair, or jewelry repair.

Office Hours

Normal Hours of Operation are Monday through Friday: 9:00 a.m. to 5:30 p.m.

Saturday Hours of Operation vary due to Seminar schedule. Please contact us for information. Risch's Trade School is closed on all Sundays and Observed Holidays.

As a prospective student, you are encouraged to review this catalog prior to signing an enrollment agreement. You are also encouraged to review the School Performance Fact Sheet which must be approved by you prior to signing an enrollment agreement.

Observed Holidays

<u>HOLIDAY</u>	<u>2023</u>	<u>2024</u>
New Year's Day	Sunday, January 01, 2023	Monday, January 01, 2024
President's Day	Monday, February 20, 2023	Monday, February 19, 2024
Memorial Day	Monday, May 29, 2023	Monday, May 27, 2024
Independence Day	Tuesday, July 04, 2023	Thursday, July 04, 2024
Labor Day	Monday, September 4, 2023	Monday, September 02, 2024
Columbus Day	Monday, October 9, 2023	Monday, October 14, 2024
Veteran's Day	Saturday, November 11, 2023	Monday, November 11, 2024
Thanksgiving Day	Thursday, November 23, 2023	Thursday, November 28, 2024
Christmas Eve	Monday, December 25, 2023	Wednesday, December 25, 2024

WATCH MAKER COURSE (WMC)

OBJECTIVE: This course will provide instruction by designing and making watch parts while utilizing the principles and techniques learned in previous courses and reinforcing the confidence needed to pursue this trade to the fullest extent. This course will prepare the student for an occupation as an expert watch maker.



(WMC 1): 15 Hours Instruction \$550.00

Building on the Watch Specialist Course, the student will learn how to use a lathe to "true" parts and polish arbors and pivots. Also, develop the expertise of measuring and exacting close tolerances. Pre-requisite: the student must complete the Watch Specialist Course.

(WMC 2): 15 Hours Instruction \$550.00

Study about the jewels used in horology. Remove and replace jewels. Check the freedom of the train and the power source - mainsprings. Pre-requisite: WMC 1

(WMC 3): 15 Hours Instruction \$550.00

Become familiar with cases and their repairs, as well as watchbands, straps, etc. Repair dial feet and chipped faces. Pre-requisite: WMC 2

(WMC 4): 15 Hours Instruction \$550.00

Disassemble a watch and clean and check each part. Check for discolored areas, scratched or damaged parts, and cracked or broken jewels. Reassemble and test the parts separately and together. Pre-requisite: WMC 3

(WMC 5): 15 Hours Instruction \$550.00

Make the final adjustments with the winding and setting. Poise the balance wheel and true the hairspring. Adjust endshake and tolerance between parts. Put in beat. Pre-requisite: WMC 4

(WMC 6): 15 Hours Instruction \$550.00

Do the necessary casework to restore it like new. Check all seals and check for water-tightness (if necessary). Complete the reassembly and check timekeeping in three positions. Pre-requisite: WMC 5

WATCH REPAIR

WATCH SPECIALIST COURSE (WSC)

OBJECTIVE: To cover in depth all areas of watch repair by learning repair techniques and applying them on projects in a one-on-one student/teacher setting. This course will prepare the student for an occupation as an expert in watch repair.

(WSC 1): 15 Hours Instruction **\$550.00**

Building on the Watch Repair Course, this course will teach the student the names and terminology in the language of horology. Disassemble and clean a watch. Pre-requisite: the student must complete the Watch Repair Course.

(WSC 2): 15 Hours Instruction **\$550.00**

The student learns the history of watches and sees their development. Study about case designs, functions, metals, etc. Pre-requisite: WSC 1



(WSC 3): 15 Hours Instruction

\$550.00

Focus on the heart (the escapement) of the timepieces. Pre-requisite: WSC 2

(WSC 4): 15 Hours Instruction

\$550.00

Replace jewels, adjust pallet stones, disassemble shock springs, oil cap jewels, etc. Pre-requisite: WSC 3

(WSC 5): 15 Hours Instruction **\$550.00**

Learn the dynamics of mainsprings, manual, automatic, wind-up, and calendar watches. Pre-requisite: WSC 4

(WSC 6): 15 Hours Instruction **\$550.00**

Enjoy the wide ranges of different watches and their unique functions, including alarms, chronograph, and repeater models and others. Pre-requisite: WSC 5

Description and Qualifications of the Faculty

Our staff bring experience and knowledge to their positions at Risch's Watch, Clock, & Jewelry Repair School. They understand how complicating the paperwork and training can be since they have worked in these fields themselves for a long time. They are always available to answer any questions or assist in any capacity.

Rolland J. Risch, Owner-Founder-Instructor

Mr. Risch has over 50 years of experience in the trade of watch, clock, & jewelry repair. He has also owned and operated Risch's Jewelers since 1977 offering both retail and repair services to its customers. He has trained many of his interested customers in the field as a means to empower them to repair their own watches, clocks, and jewelry. He continues to strive to teach more people and to keep his trade enjoyable and alive.

Clare M. Thomas, Finance-Administration

Mrs. Thomas has grown up with Risch's Jewelers over the past 40 years. She currently has an AA degree in Business Administration from Cuesta Community College, San Luis Obispo, and a BS degree in Accounting from Grand Canyon University. She also has over thirty years' experience in the bookkeeping and accounting field. Clare also regularly updates and monitors our website: www.rischschool.com.

Resource Center

The library services are limited to on-site reading and researching as well as checking out the holdings. The holdings are limited to reference books and industry-related periodicals.

Student Services

As a service to our students, we provide a mentoring program, program counseling and assistance to find a job to make the students educational experience more rewarding and effective.

1. Mentoring program-During enrollment, the students are encouraged to spend time at Risch's Jewelry Emporium to gain valuable educational experience that is more rewarding and effective.
2. Program counseling-We encourage the students to periodically check in with the instructor/counselor to make sure that we are helping them to reach their goals effectively and timely.
3. Job finding assistance-We do not guarantee job placement, but we will do what we can to assist you in your job searching endeavor (see Graduate Placement Policy).

Tuition, Fees, and Financing

The tuition for each course includes many materials and supplies, and may include some basic tools. Additional fees may be added, as indicated in the enrollment application, for particular or special needs. All costs are expected to be received prior to the beginning of the course, unless an agreement is reached to make payments. We do not participate in any state or federal financial aid programs. If a student obtains a loan to pay for an educational program, the student will have the responsibility to repay the full amount of the loan plus interest, less the amount of any refund, and that if the student has received federal student financial aid funds, the student is entitled to a refund of the money's not paid from federal student financial aid program funds.

Certificates and Titles

A Certificate of Completion is issued for each completed course. A Title is bestowed upon any student who completes courses as indicated below:

Completed Courses Title

Jewelry Repair, Jewelry Specialist, Jewelry Maker

Watch Repair, Watch Specialist, Watch Maker

Clock Repair, Clock Specialist, Clock Maker

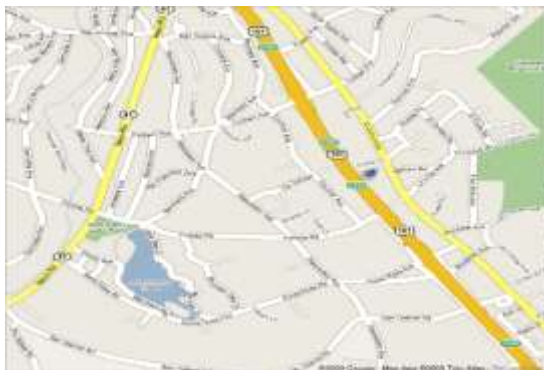
Educational Financing

Educational financing is available for the current course of instruction. Terms and Conditions apply. Please contact Risch's Trade School for more information.

Map & Driving Directions

Risch's Jewelry Emporium and Trade School is located in Atascadero, California, approximately 20 miles north of San Luis Obispo and approximately 12 miles south of Paso Robles.

From US 101, exit at Curbaril Avenue and drive east to El Camino Real. Turn right and head south on El Camino Real approximately one mile to Plata Lane. Turn right onto Plata Lane and enter the second driveway on your left side. Risch's Jewelry Emporium and Trade School is indicated by a diamond shape on the map below



WATCH REPAIR

Watch Repair Courses

WATCH REPAIR COURSE (WRC)

OBJECTIVE: To introduce the basics of watch repair by learning the terminology, tools, practices, and techniques in a one-on-one student/teacher setting. There will be hands-on experience in minor repairs. This course will prepare the student for an occupation in watch repair with basic expertise.

(WRC 1): 15 Hours Instruction

\$450.00

The first session in the Watch Repair Course series. This class will introduce the student to watches in general. Feel the excitement as you step into the shoes of the master watchmakers. Learn about the mystery of how watches tick and the exciting field of quartz technology. There is no pre-requisite for this session.



(WRC 2): 15 Hours Instruction

\$450.00

The student will disassemble and learn the parts and functions of watches. Pre-requisite: WRC 1

(WRC 3): 15 Hours Instruction

\$450.00

Learn the reason for jewels, the various functions of timepieces, about cases, watchbands, and more. Pre-requisite: WRC 2

JEWELRY MAKER COURSE (JMC)

OBJECTIVE: This course will provide instruction by designing and making jewelry while utilizing the principles and techniques learned in previous courses and reinforcing the confidence needed to pursue this trade to the fullest extent. This is accomplished with creative projects intended to explore new techniques, materials, and ideas. This course will prepare the student for an occupation as an expert jewelry maker.



(JMC 1): 15 Hours Instruction

\$550.00

Building on the Jewelry Specialist Course, the student will enjoy the fascination of working with wire, string, and beads to make unique jewelry designs. Pre-requisite: the student must complete the Jewelry Specialist Course.

(JMC 2): 15 Hours Instruction

\$550.00

Using the skills of soldering and stone setting, discover the hidden world of creative expression combining channel, bezel, and prong setting with free form jewelry. Pre-requisite: JMC 1

(JMC 3): 15 Hours Instruction

\$550.00

Learn to use the graver and engraving techniques as special finishes are applied to jewelry designed to resemble works of antiquity. Pre-requisite: JMC 2

(JMC 4): 15 Hours Instruction

\$550.00

Enjoy the fun of unlimited ideas while working with precious metal clay. Pre-requisite: JMC 3

(JMC 5): 15 Hours Instruction

\$550.00

Using the ideas of the past with today's technology, the student will do enameling, cloisonné, metal forming, and more. Pre-requisite: JMC 4

(JMC 6): 15 Hours Instruction

\$550.00

In this casting class, originality is a must as you carve the wax into a piece of jewelry. Try sand casting and compare it to centrifugal casting.

Pre-requisite: JMC 5

SATURDAY SEMINARS

Short Courses

Saturday Seminars

The following Seminars are available on selected Saturdays. Each Seminar is designed to educate the student in certain basic concepts. Each three-hour** class combines theory with bench work and includes a student project. Each student receives a Certificate of Completion, the student project, and all tools provided with the Seminar. Only one Seminar is taught on any given Saturday. All Seminars begin promptly at 1:00 p.m. ** and finish at 4:00 p.m. Class size is limited.

A \$25.00 non-refundable deposit is required at time of registration.

* Basic Casting	\$135.00
Soldering	\$ 95.00
Bead Stringing	\$ 95.00
Lapidary	\$ 95.00
Wire Wrapping	\$ 95.00
Basic Clock Repair	\$ 95.00
Basic Watch Repair	\$ 95.00

* Cost of each Seminar includes all materials and tools.

** Higher cost is due to longer class length, 4 hours total. Class is from 1 p.m. to 5 p.m.

JEWELRY REPAIR



Jewelry Repair Courses

JEWELRY REPAIR COURSE (JRC)

OBJECTIVE: To introduce the basics of jewelry repair by learning the terminology, tools, practices, and techniques in a personalized student/jeweler setting. There will be hands-on experience in minor repairs. This course will prepare the student for an occupation in jewelry repair with basic expertise.

(JRC 1): 15 Hours Instruction \$450.00

The first session in the Jewelry Repair Course series. This class will introduce the student to jewelry in general. Particular attention will be given to: types of jewelry, metals, stones, findings, terminology, and hands-on experience. The instruction will also include bead stringing. There is no pre-requisite for this session.

(JRC 2): 15 Hours Instruction \$450.00

The student will explore gemstones and precious metals. The student will be challenged to bend, heat, and test metals. Pre-requisite: JRC 1

(JRC 3): 15 Hours Instruction \$450.00

Soldering and stone setting combine to give valuable lessons in creativity. Learn about special finishes on jewelry and about engraving. Pre-requisite: JRC 2



JEWELRY REPAIR

JEWELRY SPECIALIST COURSE (JSC)

OBJECTIVE: To cover in depth all areas of jewelry repair by learning repair techniques, jewelry design, and the artistic qualities needed to create beautiful jewelry. This course will prepare the student for an occupation as an expert in jewelry repair.

(JSC 1): 15 Hours Instruction \$550.00

Building on the Jewelry Repair Course, this course will examine in greater detail the science of metallurgy and precious gemstones. Pre-requisite: the student must complete the Jewelry Repair Course.

(JSC 2): 15 Hours Instruction \$550.00

The student will learn the fine art of soldering as well as stone setting. Pre-requisite: JSC 1

(JSC 3): 15 Hours Instruction \$550.00

Enjoy the thrill of designing and creating works of art. Learn bead stringing. Pre-requisite: JSC 2

(JSC 4): 15 Hours Instruction \$550.00

Discover the potential of making and using findings and special techniques to make the impossible possible. Pre-requisite: JSC 3

(JSC 5): 15 Hours Instruction \$550.00

Add electro-plating, antiquing, and wire-wrapping to your jewelry dossier. Pre-requisite: JSC 4

(JSC 6): 15 Hours Instruction \$550.00

Graduate with honors after learning lapidary, casting, and * Cost of each more. Pre-requisite: JSC 5