

# Gemology

The Texas Institute of Jewelry Technology at Paris Junior College offers a one-semester certificate in Gemology, requiring 12 credit hours of Gemology and 6 credit hours of business courses. The curriculum includes the development of skills in the identification of gemstones, detection of imitation and synthetic materials, and the proper use and care of laboratory instruments. Students study the formation, recovery, merchandising, advertising, display, promotion, buying and selling of precious stones. The course is designed to prepare the graduate for employment as a gemologist, with an emphasis on retail jewelry operations.

Prospective students are encouraged to tour the PJC campus and the TIJT division and/or request complete information and cost packet. You may schedule a tour or request an information packet by calling 903.782.0318.

To receive a certificate in this program, a grade of "C" or better must be maintained in all courses.

## **CERTIFICATE IN GEMOLOGY (18 Credit Hours)**

### **First Semester (18 SCH)**

BUSG 2309.....	Small Business Management/Entrepreneurship
BUSI 2301 .....	Business Law
HRGY 1313.....	Fundamentals of Gemology I (Diamonds)
HRGY 1314.....	Fundamentals of Gemology II (Colored Stones)
HRGY 1350.....	Intermediate Gemology
HRGY 2331 .....	Advanced Gemological Practice

# Geology

## **Associate of Science in Geology (60 Semester Credit Hours)**

Suggested Course of Study for University Transfer Students

<b>First Semester - 16 SCH</b>	<b>Second Semester - 16 SCH</b>
EDUC/PSYC 1300	ARTS 1301
ENGL 1301	COSC 1301
GEOL 1403	ENGL 1302
HIST 1301	GEOL 1404
MATH 1314	HIST 1302
<b>Third Semester - 14 SCH</b>	<b>Fourth Semester -14 SCH</b>
BIOL 1407	CHEM 1412
CHEM 1411	GOVT 2306
GOVT 2305	HIST 2311
SOCI 1301	PHYS 1401

# Horology

The Texas Institute of Jewelry Technology at Paris Junior College is known for excellence in watchmaker training. The need for qualified watchmakers has never been greater. In the last few decades, sales of fine mechanical timepieces and precious metal watches have increased. With the right education, countless options are available for the watchmaker in after-sales-service, antique restoration, and in related micro-technical fields. Horology Technology is a four-semester program starting each fall, spring, and summer. Students can earn certificates or an AAS degree in Horology Technology. Program content covers watch repair, material systems, automatics, calendars, timers, chronographs, electric watches, accutrons, digital, step motor quartz, and lathe work. History and business applications are included in the curriculum.

Prospective students are encouraged to tour the PJC campus and the TIJT division and/or request complete information and cost packet. You may schedule a tour or request an information packet by calling 903.782.0318. To receive a certificate in this program, a grade of "C" or better must be maintained in all courses.

## Associate of Applied Science in Horology Technology (60 Semester Credit Hours)

First Semester - 15 SCH	Second Semester - 15 SCH
COSC 1301	ECON 2302
HRGY 1319	HRGY 2301
HRGY 1320	HRGY 2302
HRGY 1321	HRGY 2303
HRGY 1322	HRGY 2304
Third Semester - 15 SCH	Fourth Semester - 15 SCH
HRGY 2305	COMM 1307
HRGY 2306	HRGY 2341
HRGY 2307	HRGY 2342
HRGY 2308	HRGY 2343
MATH 1332	SPCH 1321

### CERTIFICATE IN FINE MECHANICAL WATCH REPAIR (36 Semester Credit Hours)

#### First Semester (12 SCH)

HRGY 1319 .....	Basic Horology I
HRGY 1320 .....	Basic Horology II
HRGY 1321 .....	Basic Horology III
HRGY 1322 .....	Basic Horology IV

#### Second Semester (12 SCH)

HRGY 2301 .....	Intermediate Horology I
HRGY 2302 .....	Intermediate Horology II
HRGY 2303 .....	Intermediate Horology III

HRGY 2304..... Intermediate Horology IV

**Third Semester (12 SCH)**

HRGY 2305.....Intermediate Horology V

HRGY 2306..... Intermediate Horology VI

HRGY 2307.....Intermediate Horology VII

HRGY 2308.....Intermediate Horology VIII

**CERTIFICATE IN HOROLOGY TECHNOLOGY (45 Semester Credit Hours)**

**First Semester (12 SCH)**

HRGY 1319..... Basic Horology I

HRGY 1320..... Basic Horology II

HRGY 1321..... Basic Horology III

HRGY 1322..... Basic Horology IV

**Second Semester (12 SCH)**

HRGY 2301..... Intermediate Horology I

HRGY 2302.....Intermediate Horology II

HRGY 2303..... Intermediate Horology III

HRGY 2304..... Intermediate Horology IV

**Third Semester (12 SCH)**

HRGY 2305.....Intermediate Horology V

HRGY 2306..... Intermediate Horology VI

HRGY 2307..... Intermediate Horology VII

HRGY 2308.....Intermediate Horology VIII

**Fourth Semester (9 SCH)**

HRGY 2341..... Advanced Horology Systems I

HRGY 2342..... Advanced Horology Systems II

HRGY 2343.....Advanced Horology Systems III

## Jewelry

The Texas Institute of Jewelry Technology at Paris Junior College has enjoyed a reputation for teaching excellence since it opened in 1942. This highly acclaimed division of PJC is well known for a diverse student body that includes students from around the world.

While TIJT prides itself on the state-of-the-art instruction, the Jewelry program is also well known for teaching time honored techniques such as bead-set/bright cut and pave. TIJT can help the student gain the competitive edge in the dynamic field of Jewelry Technology, as well as prepare them for an exciting career by working at personalized work stations supervised by instructors who are professional jewelers.

Jewelry Technology is a four-semester program starting each fall and spring. Students can earn certificates or an AAS degree in Jewelry Technology. Program content includes the optimal use of tools and equipment, hand finishing and machine polishing, forming and fabrication, jewelry repair, wax carving, casting, stone setting round and fancy-cut stones, and working with gold and platinum.

At the end of the program, students will take the “Jewelers of America” certification exam for bench jewelers.

Prospective students are encouraged to tour the PJC campus and the TIJT division and/or request complete information and cost packet. You may schedule a tour or request an information packet by calling 903.782.0318.

To receive a certificate in this program, a grade of “C” or better must be maintained in all courses.

## Associate of Applied Science in Jewelry Technology (60 Semester Credit Hours)

First Semester - 15 SCH	Second Semester - 15 SCH
ECON 2302	ENGL 1301
HRGY 1301	HRGY 1309
HRGY 1302	HRGY 1341
HRGY 1303	HRGY 1349
HRGY 1348	HRGY 2333
Third Semester - 15 SCH	Fourth Semester - 15 SCH
COSC 1301	ARTS 1301
HRGY 1342	HRGY 2335
HRGY 1343	HRGY 2336
HRGY 1344	HRGY 2337
MATH 1332	HRGY 2338

### CERTIFICATE IN JEWELRY TECHNOLOGY (45 Semester Credit Hours)

#### First Semester (12 SCH)

HRGY 1301	Jewelry Techniques I
HRGY 1302	Jewelry Techniques II
HRGY 1303	Jewelry Techniques III
HRGY 1348	Jewelry Repair/Fabrication I

#### Second Semester (12 SCH)

HRGY 1309	Casting I
HRGY 1341	Stone Setting I
HRGY 1349	Jewelry Repair/Fabrication II
HRGY 2333	Casting II

#### Third Semester (12 SCH)

HRGY 1342	Stone Setting II
HRGY 1343	Stone Setting III
HRGY 1344	Stone Setting IV
HRGY 2335	Precious Metals I

#### Fourth Semester

HRGY 2336	Precious Metals II
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HRGY 2337 .....	Precious Metals III
HRGY 2338 .....	Precious Metals IV

### **CERTIFICATE IN COMPUTER AIDED DESIGN (36 Semester Credit Hours)**

#### **First Semester (12 SCH)**

HRGY 1301 .....	Jewelry Techniques I
HRGY 1302 .....	Jewelry Techniques II
HRGY 1303 .....	Jewelry Techniques III
HRGY 1348 .....	Jewelry Repair/Fabrication I

#### **Second Semester (12 SCH)**

HRGY 1309 .....	Casting I
HRGY 1341 .....	Stone Setting I
HRGY 1349 .....	Jewelry Repair/Fabrication II
HRGY 2333 .....	Casting II

#### **Third Semester (12 SCH)**

HRGY 1371 .....	Introduction to Computer Aided Jewelry Design
HRGY 1372 .....	Technical Illustration for Jewelry Design
HRGY 1373 .....	Basic Computer Aided Drafting for Jewelry Design
HRGY 1374 .....	Solid Modeling Design for Jewelry

### **CERTIFICATE IN REPAIR TECHNICIAN (33 Semester Credit Hours)**

#### **First Semester (12 SCH)**

HRGY 1301 .....	Jewelry Techniques I
HRGY 1302 .....	Jewelry Techniques II
HRGY 1303 .....	Jewelry Techniques III
HRGY 1348 .....	Jewelry Repair/Fabrication I

#### **Second Semester (12 SCH)**

HRGY 1309 .....	Casting I
HRGY 1341 .....	Stone Setting I
HRGY 1349 .....	Jewelry Repair/Fabrication II
HRGY 2333 .....	Casting II

#### **Third Semester (9 SCH)**

HRGY 1342 .....	Stone Setting II
HRGY 1343 .....	Stone Setting III
HRGY 1344 .....	Stone Setting IV