First Semester - 12 SCH

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

Second Semester - 12 SCH

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

Third Semester - 12 SCH

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

Fourth Semester - 9 SCH

- JLRY 2336 - Precious Metals II
- JLRY 2337 - Precious Metals III
- JLRY 2338 - Precious Metals IV

Program Outcomes

- Demonstrates skills in metal fabrication techniques: layout, sawing, filing, drilling, finishing, polishing, soldering, shaping, forming, doming, wire rolling and drawing.
- Demonstrates skills in casting techniques: wax carving, injecting, spruing, treeing, investing, and casting centrifugally and by vacuum.
- Demonstrates skills in jewelry repair: sizing, chain repair, tipping, beading, pronging, and plating.
- Demonstrates skills in setting such as: single and multiple round and fancy-cut stones into various mountings styles.
- Demonstrates knowledge of industry practices and ethics.

High School Endorsements

- Business and Industry

Expected Salary

**Texas wage data:** workers on average earn $38,590; 10% of workers earn $23,820 or less; 10% of workers earn $57,500 or more.

Career Opportunities

- Retail Jewelry Sales Professional; Jewelry Store Manager; Bench/Manufacturing Jeweler; Jewelry Designer; Jewelry Lab Grader/Quality Assurance Technician.

Additional Education Opportunities

- Students pursuing an AAS in Jewelry Technology, and might also want to pursue Certifications in Gemology or CAD/CAM.