

# JEWELRY TECHNOLOGY

## Campus Location

Peoria Campus

## Occupational Focus

The jewelry coursework will prepare students for careers in the jewelry industry from retail to manufacturing and repair. Topics include metal formation, alloying, soldering, laser welding, stone setting, gemstone identification, diamond grading, wax carving, casting, finishing techniques and general repair. Students will explore terminology and techniques ranging from entry-level bench skills to specialized advanced skills developed for the professional jeweler. As in industry, students will take projects from conception to completion using precious metals and gemstones. Graduates of the Jewelry Career Majors will have transportability skills for greater employment opportunities.

For information concerning working conditions, physical requirements, employment and job outlook please refer to the 2008-09 Occupational Outlook Handbook (OOH) at <http://www.bls.gov/oco/>.

## Who Can Attend?

Adults

## Prerequisite(s)

Course prerequisites may apply.

## Scheduling Information

Contact the Peoria Campus at (918) 828-2100 for current course offerings.

## Career Majors

### Jewelry Maker I - 525 Hours\*

This major offers students basic jewelry making knowledge and skills. By completing a variety of hand-fabricated items without stones, students will develop skills in soldering, fabrication techniques such as sawing and drilling, finishing, and simple jewelry repair. Students will also gain diamond identification and grading knowledge.

### Jewelry Maker II - 525 Hours\*

This major allows students to practice and build upon the skills learned in Jewelry Maker Level I. Students will begin setting stones, create and use molds, and complete wax carving projects. Students will also begin an exploration of colored stones and gemstone identification.

### Jewelry Maker III - 525 Hours\*

This major allows students to practice and build upon the skills learned in both Jewelry Maker Level I and II. Students will further develop their stone setting skills and design and fabricate their own custom jewelry projects. Students will also continue their study of colored stones, including their treatments, synthesis, and identification. At the conclusion of this major, students may also choose to sit for the Jewelers of America Bench Technician test.

*\*Career major, courses and hours are subject to change without notice*

## Tuition

\$4.00/hour\*

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## Books/Supplies

Individual tool kits and books will need to be purchased and are available through the Peoria Bookstore. Additional materials may be required.

## Credentials/Industry Certifications

Career Major completers are eligible to take the following: Jewelers of America Certified Bench Jeweler Technician (CBJT) test proctoring available. Student is responsible for additional test cost at member rate discount (approximately \$800).

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## Employment Opportunities

Career Major completers may seek opportunities as a professional bench jeweler, craft or fashion jeweler, caster, polisher, stone setter, repair person, gemstone specialist, sales in retail or wholesale, and more.

## Tulsa-Area Salary

Occupations in the Jewelry profession range from \$15,000 - \$60,000 per year

## Application Process

Adults contact Tulsa Tech Admissions and Enrollment office at 918.828.5260, email [admissions@tulsatech.org](mailto:admissions@tulsatech.org) or check out our website at [www.tulsatech.edu](http://www.tulsatech.edu).

## Courses by Career Majors

### Jewelry Maker I - 525 Hours\*

Jewelry Technology Orientation, Basics, and Safety  
Fabrication I  
Fabrication II  
Fabrication III  
Gemology I  
Chain Repair  
Casting I  
Workforce Staging

### Jewelry Maker II - 525 Hours\*

Mold Making  
Wax Carving  
Stone Setting I  
Stone Setting II  
Shop Operations  
Stone Setting III  
Gemology II and Colored Stones I  
Casting II  
Workforce Staging

### Jewelry Maker III - 525 Hours\*

Stone Setting IV  
Specialized Jewelry Projects  
Stone Setting V  
Stone Setting VI  
Gemology III and Colored Stones II  
Workforce Staging

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