

# Gemology Certificate

Certificate Number 90-441-1

## Description:

The Gemology Certificate is exclusively designed for working adults seeking to upgrade their occupational skills and knowledge on a part-time basis. This certificate will prepare learners to evaluate gemstones and precious metals and to evaluate skills in using gem testing equipment.

These credits can apply toward the Jewelry Repair and Fabrication technical diploma program.

## Certificate Completers Will be Able to:

- Evaluate gemstones and precious metals.
- Understand stone setting and decorative engraving techniques.
- Have an understanding of the gem testing equipment used in the jewelry industry.

## Curriculum

| CATALOG #  | DESCRIPTION   | CREDITS  |
|--|---|----------|
| 31-441-317<br><i>Offered in:<br/>Fall 2008</i>   | <b>Gemology 1</b> ...identify: gemological equipment classification, stone optical/physical property and determination, basic minerals, diamonds and gemstone pricing.                      | 2        |
| 31-441-318<br><i>Offered in:<br/>Spring 2009</i> | <b>Gemology 2</b> ...identify and evaluate the physical/optical properties of colored gemstones and diamonds through testing and evaluation. (Prerequisite: 31-441-317, Gemology 1)         | 3        |
| 31-441-328<br><i>Offered in:<br/>Spring 2009</i> | <b>Power Engraving</b> ...this course provides the learner with the skills to design and do a layout for an engraving and use a power engraver to set stones and create decorative designs. | 1        |
| 31-441-316<br><i>Offered in:<br/>Fall 2008</i>   | <b>Precious Metals</b> ...identify: precious metals content, solder determination, gold alloys, metal pricing and precious metal refinement.  | 1        |
|  | <i>Certificate Total</i>  | <b>7</b> |

**For more information, please contact:** The Trades & Technical Division, (920) 498-5461 or (800) 422-NWTC, extension 5461, or contact Donna Meves, Flexible Learning Manager, (920) 498-6872 or (920) 498-5431, donna.meves@nwtc.edu