



Gemological  
Research  
Industries Inc.

## 2 DAYS BASIC GEMSTONE PROGRAM

No previous gemmological education required

**Instructor:** Branko Deljanin, B.Sc., GG, FGA, DUG

**Assistant:** Elena Deljanin, M.Sc. FGA

### DAY 1 (9.00am-5 pm)

- The Gem Minerals
- Fashioning of gemstones and cuts
- Colour in Gemstones
- Identification of species and varieties
- Use of portable standard instruments (loupe, polariscope, spectroscope)
- Use of desk standard instruments (microscope, refractometer, UV lamp)

### DAY 2 (9.00am-5 pm)

- Characteristics of major gems (alexandrite, emerald, jade, ruby, sapphire)
- Characteristics of minor gems (amethyst, garnets, tanzanite, topaz, tourmaline)
- Characteristics of other gems (opals, pearls, peridot, zircon)
- Phenomenal gems (cats-eye effect, play of colour, star effect)
- Imitations of gems (glass, plastic, doublets,)

The program also includes a PRACTICAL LAB with Colored Stone samples

**To register please contact Branko D. at [info@BrankoGems.com](mailto:info@BrankoGems.com) or 604-619-3590**