



Gemological  
Research  
Industries Inc.

## 3 DAYS ROUGH DIAMOND GRADING PROGRAM

Previous gemmological education required  
**Instructor:** Elena Deljanin, M.Sc, FGA, CGmA

### DAY 1

- Geology and the origin of diamonds
- Mining of diamonds (alluvial in primary deposits)
- Physical and Optical properties of diamonds
- Study of diamond crystallography
- Morphology of Diamonds
- Surface characteristics of diamonds
- **Practical work** of weight estimation
- **Practical studies** of morphology and surface features of diamonds

### DAY 2

- Description of a rough diamonds
- Classification of rough diamonds
- Grading according to size, shape, colour and clarity
- Modern rough classification: advantages and drawbacks
- Prediction of yield
- **Practical studies** of diamond stress (using polariscope)
- **Practical work** on grading of diamond rough samples
- **Practical work** on color and clarity

### DAY 3:

- Typomorphic features of diamonds of various origins
- Evaluation of rough and polished diamonds
- How to calculate the potential cut diamond's weight
- Polished diamonds: modern grading systems and pricing information
- Diamonds cut for weight and diamonds cut for "ideal"
- Various distortions of diamond shape
- **Practical work** on evaluation of diamond rough samples
- **Practical exam** on grading of rough diamonds

To register please contact Elena Deljanin at [info@BrankoGems.com](mailto:info@BrankoGems.com)