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## Basic Program on Coloured Stones

April 25, 2019, [Boardroom](#) 451, 409 Granville Street

**No previous gemmological education required**

**Instructor:** Edit Simon, GG

### Topics covered:

#### **Morning (9am – 12.30)**

- 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)

#### **Afternoon (1.30-5.00pm)**

- 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

**Cost:** \$350 + gst

**To register please contact Robynn Sagert at [robynn@cglgrs.com](mailto:robynn@cglgrs.com) or 604-687-0039**