

SinGem Jewelry Education
Program: Gem & Jewelry Professional
Subject: **Gem Identification**
Modules: 1

Course Content:

1. Gem Properties
2. Chemical compositions
3. Types of Gems
4. Gem Identification based upon:
 - a. Gemological Binocular Microscope
 - b. 10x Hastings Triplet
 - c. Diamond Gauge
 - d. Refractometer
 - e. Jemeter (infrared reflectance meter)
 - f. Polariscope
 - g. Dichroscope
 - h. Chelsea Filter
 - i. Spectroscope
 - j. Specific Gravity Liquids
 - k. Ultraviolet Cabinet and Long Wave/Short Wave UV Light
 - l. Leveridge Gauge
 - m. Diamond, Moissanite & Gem Testers