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معهد البحرين للؤلؤ والأحجار الكريمة
BAHRAIN INSTITUTE FOR PEARLS & GEMSTONES



NEW COURSE

**GEM-A
1 DAY WORKSHOP
INTRODUCTION TO
PRACTICAL
GEMMOLOGY**

INTRODUCTION TO PRACTICAL GEMMOLOGY

Workshop content

During this practical workshop you will learn the principles and basic techniques of the most common and basic gemmological instruments and testers, including the 10× loupe, polariscope, spectroscope, refractometer and others. By the end of the session, you will be able to use the equipment effectively and accurately, while also appreciating how each instrument is a valuable tool in the gemmologist's arsenal.

Who are these workshops suitable for?

Anyone with an interest in learning about gemstones and for those considering studying our Gemmology Foundation course.

What skills, experience or qualifications are needed?

No experience necessary.

What are the next steps?

If you want to begin your career in gems, the Gemmology Foundation is the next step.

Key Features

Duration: **1 Day Workshop** (*on-campus*)

Language: **English**

Objectives

- To introduce students to the field of gemmology and gem testing
 - To offer the students an overview of the use of each of the key standard testing equipment used by the gemmologist
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LESSON PLAN

Session 1

- Introduction
 - What is Gemmology
 - How to identify gemstones
 - Observation and magnification
 - The polariscope
 - Refractometer
 - Specific gravity
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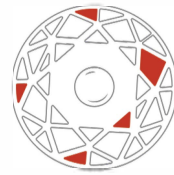
Session 2

- The spectroscope
 - The dichroscope
 - CCF
 - Fluorescence
 - Further testing
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