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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.

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## Key Features

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

Language: **English**

Total Price: **BHD 88** (*Incl. VAT*)

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## 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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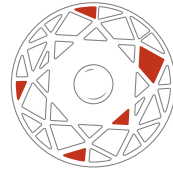
## Session 2

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