



دانات
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معهد البحرين للؤلؤ والأحجار الكريمة
BAHRAIN INSTITUTE FOR PEARLS & GEMSTONES



NEW COURSE

GEM-A 1 DAY WORKSHOP INTRODUCTION TO GEMMOLOGY

INTRODUCTION TO GEMMOLOGY

Workshop content

As the perfect introduction to the fascinating world of gemstones, this tutor-guided practical session will enable you to become competent in the use of tweezers and a 10x loupe when handling gemstones. You will study the physical characteristics of popular gems, while learning about origin, lore and care techniques.

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.

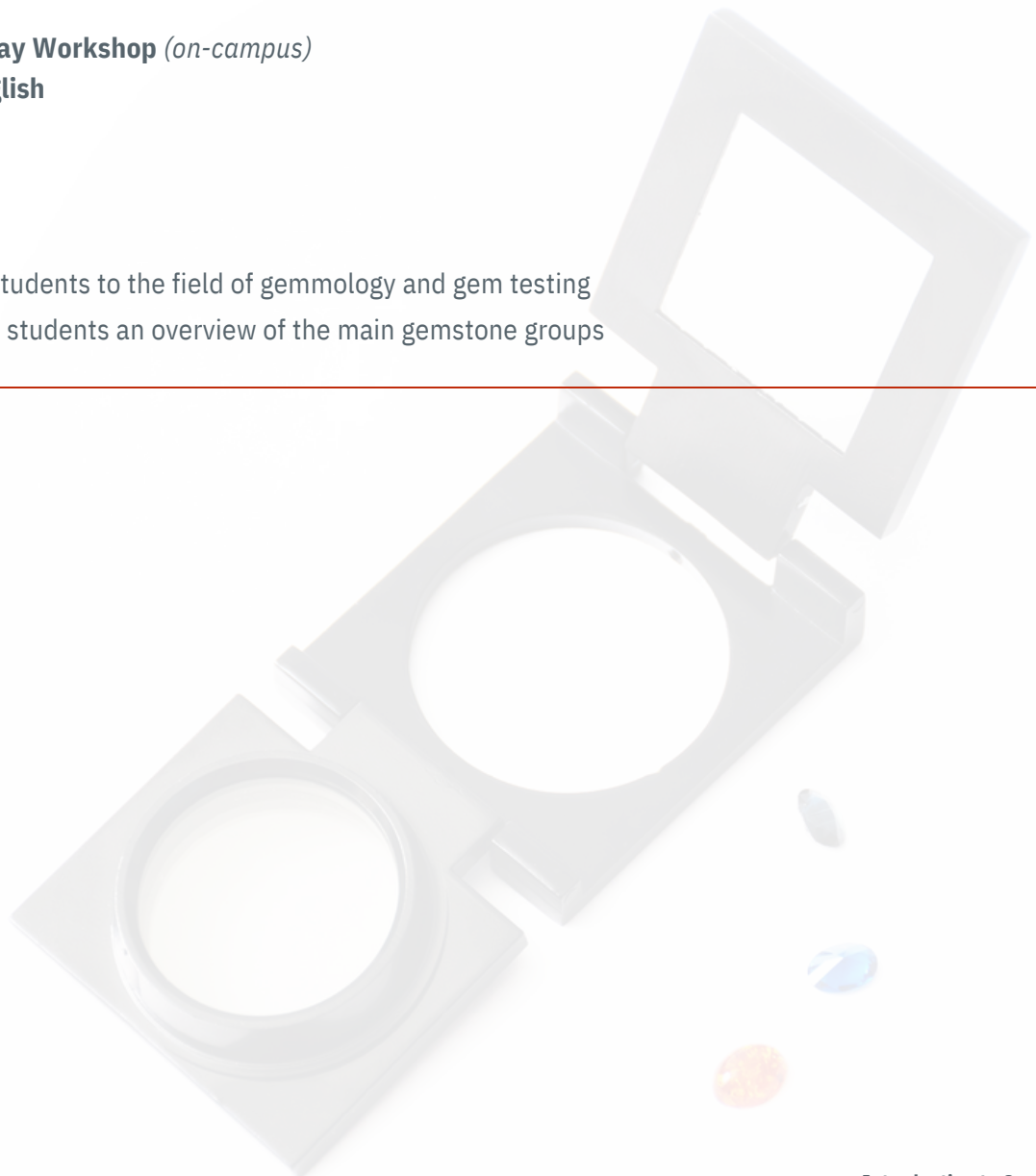
Key Features

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

Language: **English**

Objectives:

- Introduce students to the field of gemmology and gem testing
 - To offer the students an overview of the main gemstone groups
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LESSON PLAN

Session 1

- Traits of a gem
 - What is gemmology?
 - Terminology
 - Species and variety classification
 - Diagnostic inclusions observation
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Session 2

- Observation and magnification
 - How to use the loupe?
 - Observation of cut stones
 - Lustre
 - Hardness
 - External features
 - Inclusions and those that are diagnostic optical effects
 - Brief introduction to further testing
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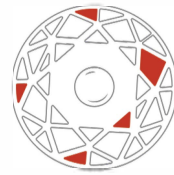
Session 3

- Rough crystals
 - Crystal habit and form
 - Organics
 - Gemstone treatments
 - Synthetics – simulants
 - Gemstone observation
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