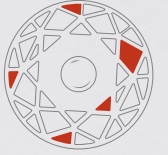




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معهد البحرين للؤلؤ والأحجار الكريمة  
BAHRAIN INSTITUTE FOR PEARLS & GEMSTONES



**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.

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## Key Features

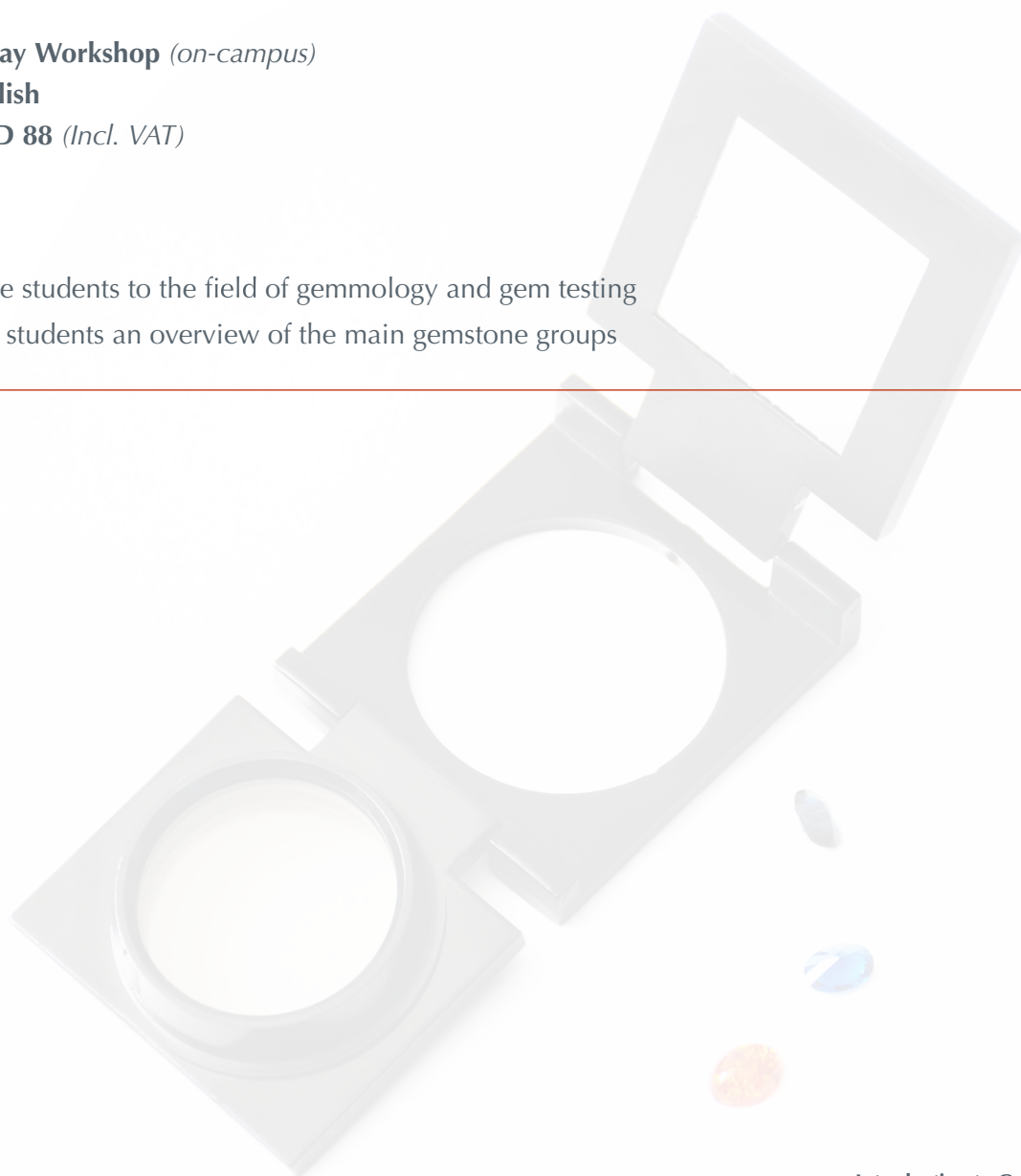
Duration: **1 Day Workshop** (*on-campus*)

Language: **English**

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

## Objectives:

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



# LESSON PLAN

## Session 1

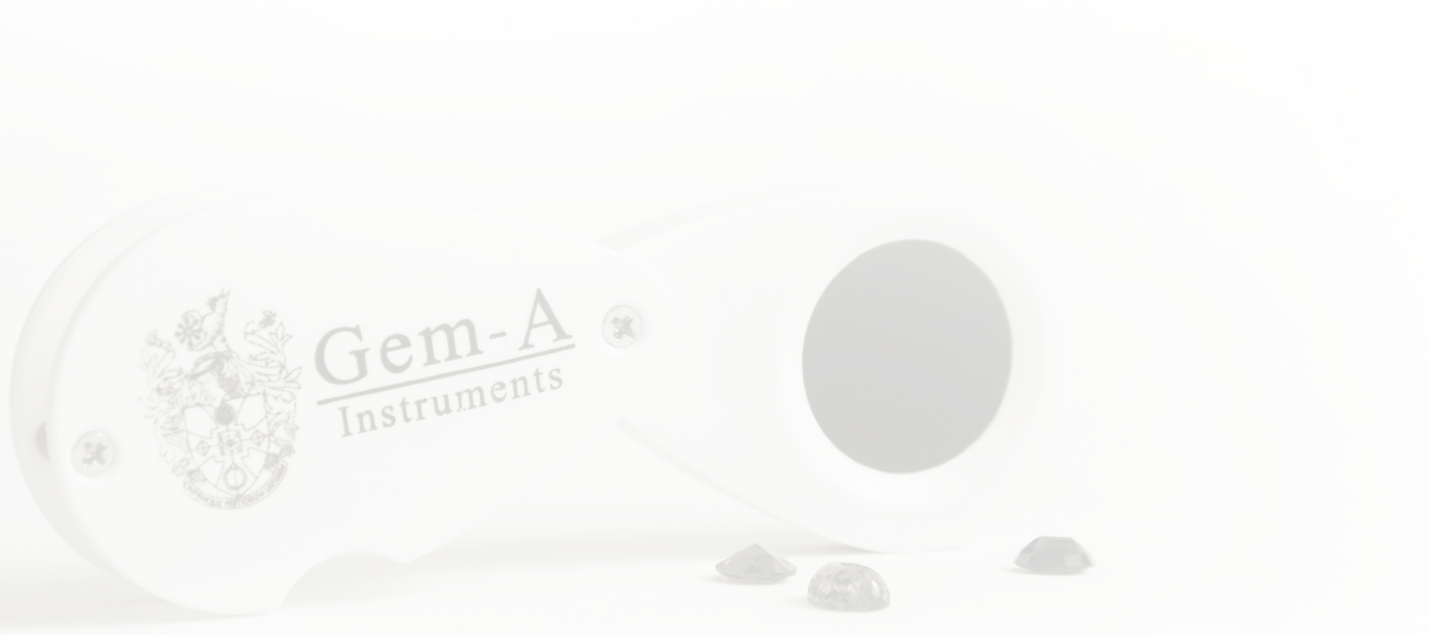
- Traits of a gem
  - What is gemmology?
  - Terminology
  - Species and variety classification
  - Diagnostic inclusions observation
- 

## 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
- 

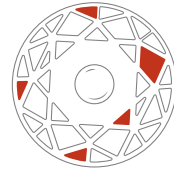
## Session 3

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





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BAHRAIN INSTITUTE FOR PEARLS & GEMSTONES

+973 38000428 education@danat.bh

danatinstitute www.danat.bh