

Other Courses at the GAA

Diploma in Gemmology*

Diploma in Diamond Technology*

Practical Diamond Grading

Advanced Diamond Grading

Retail Diamond Consultant

Retail Opal & Pearl Consultant**

Retail Coloured Gemstone Consultant**

Retail Training by Correspondence

Synthetic and Gemmology Update

Introduction to Gems and Gemmology

Introduction to Antique Jewellery**

Jewellery Product Knowledge**

Jewellery Sketching

Jewellery Design

Pearl Threading

Advanced Pearls

Advanced Opals

Advanced Jade**

Administration, Management
and Human Resources

*Also available in Correspondence/Flexible Mode

**Not available in all States

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Queensland Division

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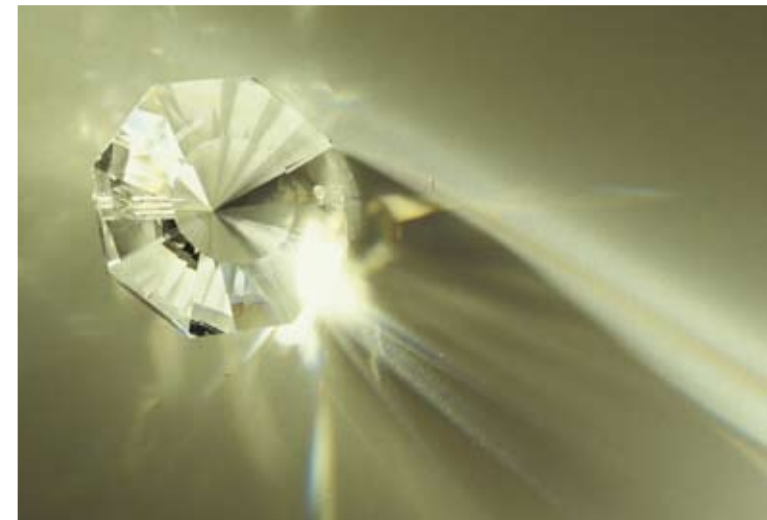
Please phone for more details
or visit **www.gem.org.au**



GAA

Gemmological Association of Australia

Diploma in Diamond Technology



*Passionately educating the industry
and consumers about gemstones*



GAA

Gemmological Association of Australia

Become an Expert in Diamonds and Reap the Rewards

Diamond is perhaps the world's most popular gemstone variety and as such attracts probably the greatest number of questions from the jewellery buying public. This course will enable you as a jewellery industry professional to stay 'one step ahead' of the information and misinformation concerning such an important commodity.

This course builds on the Diploma in Gemmology course, providing a more in-depth understanding of diamonds as well as past and present simulants and synthetics, treatments and diamond grading. It is ideal if you work with diamonds in a retail, wholesale or mining capacity but also if you just wish to build your knowledge about this important gem.

Course details

The practical component of this course – diamond grading – will teach you how to grade diamonds to international standards. Successful completion of diamond grading (together with Diploma in Gemmology) is a pre-requisite if you want to study to become a registered jewellery valuer.

The theory component of the course will give you an in-depth understanding of the theory of diamonds, from their beginnings as carbon atoms in the Earth's mantle to their final destination either as a cut stone or for use in industrial applications. The content you will cover over the course of the year will include:

- Geology: occurrence and distribution
- Mining, recovery, extraction & sorting
- Theory of colour, cut & clarity grading
- History of diamond cutting and cuts
- Diamond manufacture
- Synthetic diamonds
- Artificial colouration and treatments
- Diamond imitations
- Cutting centres of the world
- World production
- Types of inclusions
- Industrial diamonds
- Diamonds in Australia
- Sales & marketing of rough & polished diamonds
- Identification of diamond imitations, rough & crystals
- Practical diamond grading

Qualification

Diploma in Diamond Technology, awarded by the GAA.

Pre-requisites

Diploma in Gemmology.

Duration

Part-time over one year.

Equipment

Course notes and/or past participant's assignments will be provided to supplement your own notes taken in class.

For practical classes you will require a gemstone cleaning cloth, a hand lens (10x loupe), diamond tweezers, Leveridge gauge and a calculator.

Assessment

Two theoretical and one practical examination. An assignment on an aspect of diamond theory to be written and subsequently presented to the class.

Course Locations

All states. Please be aware that class sizes are strictly limited.

Course Code: **GAADT, GAADP
GAADGM, GAADMP, GAAPDG**