

## 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

**New South Wales Division**  
24 Wentworth Ave  
Darlinghurst NSW 2010  
phone: (02) 9264 5078  
email: nsw@gem.org.au

**Queensland Division**  
Suite 1A, 443 Ipswich Road  
Annerley QLD 4103  
phone: 0448 325 314  
email: qld@gem.org.au

**South Australian Division**  
Suite 421, 4th Floor. "Edments Building"  
38 Gawler Place, Adelaide SA 5000  
phone: (08) 8227 1377  
email: sa@gem.org.au

**Tasmanian Division**  
"Phillips Smith Centre"  
2 Edward Street. Glebe TAS 7000  
phone: (03) 6261 4233  
email: tas@gem.org.au

**Victorian Division**  
380-382 Spencer St  
West Melbourne VIC 3003  
phone: (03) 9326 6160  
email: vic@gem.org.au

**Western Australian Division**  
Unit 14/136 Railway Street  
Cottesloe WA 6011  
phone: (08) 9385 5489  
email: wa@gem.org.au

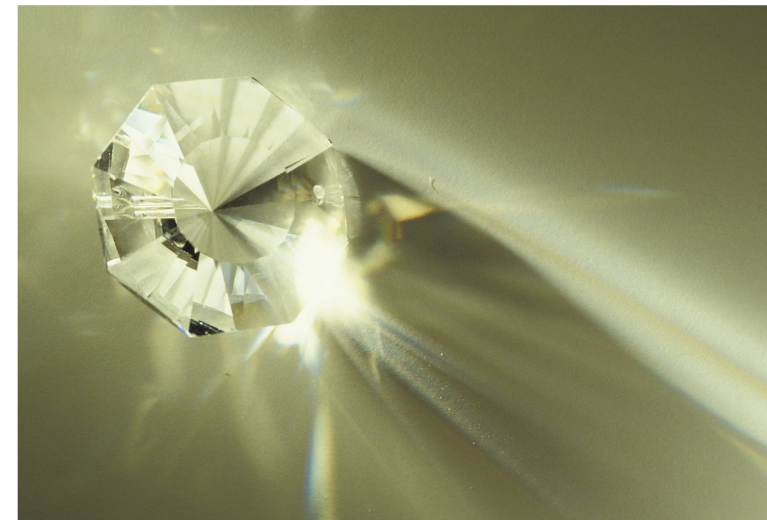
Please phone for more details  
or visit **[www.gem.org.au](http://www.gem.org.au)**



# 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**