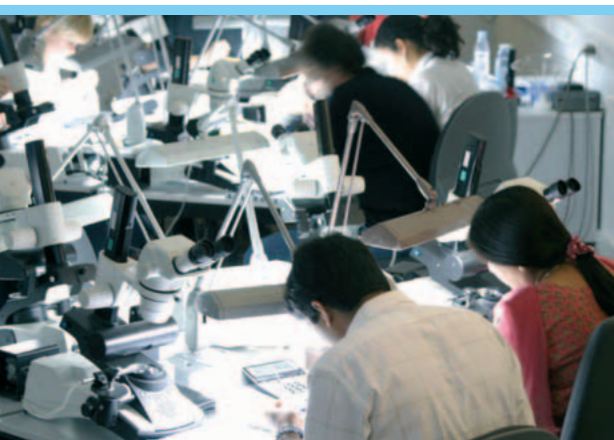


DIAMOND COURSES

Provided in standard and extended versions, the Diamond Grader Course is a perfect balance between practice and theory. Students learn how to grade a diamond's 4 Cs by means of the gemmological microscope and the loupe. During the course, students are taught about the most common diamond simulants, and are trained to detect them. Synthetic diamonds and clarity and colour treatments are also covered.

The standard and extended version cover the same material, but the extended version provides more hands-on practical experience, and offers study tours of sites related to the diamond industry trade. Upon completing the course work, students take a theoretical and a practical examination. Those who pass are awarded the internationally recognised "Certified Diamond Grader Diploma" (CDG).



Certified Diamond Grader

Duration	3-week course		
Requirements	<ul style="list-style-type: none"> • Min. 18 years • No previous diamond experience required (some notion is an advantage) 		
Target group	<ul style="list-style-type: none"> • Diamond traders • Diamond experts, appraisers, graders 	<ul style="list-style-type: none"> • Jewellers, designers • Sales managers, owners, buyers and job seekers in the diamond industry 	
Number of attendants	Max. 19		
Course content	<p>Week 1:</p> <ul style="list-style-type: none"> • General introduction to the properties of diamond and explanation of the well known 4 Cs (carat, colour, clarity and cut). Correct cleaning of diamond. • Principles of diamond optics. Special attention to the use of the HRD stereozoom microscope for the examination of diamonds. • Favourable and unfavourable observation directions. Systematic investigation of a diamond. • Principles of weighing, rounding of carat and calculation of the weight • Identification of external and internal characteristics and discussion of their respective symbols and specific notation. Exercises will link theory with practice. • Determination of the colour of diamonds by comparison to master stones under standardised artificial light, equivalent to Northern daylight. To train the eyes, continuous practice on grading colour and fluorescence of diamonds is done. • Identification of clarity treatments (e.g. crack filling). • Measuring the size, position, brightness and number of images of inclusions. Practice is combined with theory. 	<p>Week 2:</p> <ul style="list-style-type: none"> • Clarity grading of diamonds by means of the microscope. Correct use of tables for clarity grading. • Introduction to the use of the loupe 10x. • Measuring proportions (angles of inclination and proportional relations between the various parts of the stone) by using the proportionscope. Grading the cut: description and evaluation of proportions and finish (symmetry deviations). • Correct use of tables for proportions and finish grade. • Clarity grading of diamonds by means of the loupe 10x with master stones as reference. • Different characteristics and properties of diamond and its imitations (simulants) are compared. Some simple and quick tests to distinguish fakes from real diamonds are explained. 	<p>Week 3:</p> <ul style="list-style-type: none"> • Examination/ estimation of the cut grade (proportions and finish) with the loupe 10x. A lot of practice is done. • Examination of fancy shapes, next to round brilliants. • Continuous training and maintenance: <ul style="list-style-type: none"> - of grading skills using the microscope - on grading the colour and fluorescence - on the identification of diamond simulants and treated stones - on weighing, interpretation of caratage • Use of tables: attention is paid to complete the worksheet correctly and determine the final grades. Correct use of tables is therefore required. Practice is done as preparation for the final examination
Working hours	<ul style="list-style-type: none"> • Every day from 8.45 am to 4.45 pm • One hour lunch break from 12.30 pm until 1.30 pm and a coffee break in the morning and afternoon 		
Examination	<ul style="list-style-type: none"> • Theoretical examination: Multiple choice • Practical examination: Students have to examine and grade 10 diamonds correctly 		
Diplom. / Cert./ Attest.	DIPLOMA: "Certified Diamond Grader"		
Course languages	English, French, Dutch		
Yours to keep	<ul style="list-style-type: none"> • Diamond course book • Diamond tool set (tweezers, needle, cleaning cloth, pens, loupe, lanyard) 		

Certified Diamond Grader - Extended

Duration	5-week course	
Requirements	<ul style="list-style-type: none"> • Min. 18 years • No previous diamond experience required (some notion is an advantage) 	
Target group	<ul style="list-style-type: none"> • Diamond traders • Diamond experts, appraisers, graders 	<ul style="list-style-type: none"> • Jewellers, designers • Sales managers, owners, buyers and job seekers in the diamond industry
Number of attendants	Max. 19	
Course content	<p>In comparison with a 3-week programme, the 5-week course foresees several supplementary topics:</p> <ul style="list-style-type: none"> • Investigation of a diamond with twin optics. • Visit to a polishing factory and diamond bourse • Extended practice on the measurements of inclusions • Extended practice on measuring proportions (angles of inclination and proportional relations between the various parts of the stone) by using the proportionscope. Grading 	
Working hours	<ul style="list-style-type: none"> • Every day from 8.45 am to 4.45 pm • One hour lunch break from 12.30 pm until 1.30 pm and one coffee break in the morning and afternoon 	
Examination	<ul style="list-style-type: none"> • Intermediate practical test: Students have to grade one diamond correctly with the help of the microscope, proportion scope and calliper • Theoretical examination: multiple choice • Practical examination: students have to examine and grade 10 diamonds correctly 	
Diplom./ Cert./ Attest.	DIPLOMA: "Certified Diamond Grader"	
Course languages	English, French, Dutch	
Yours to keep	<ul style="list-style-type: none"> • Diamond course book • Diamond tool set (tweezers, needle, cleaning cloth, pens, loupe, lanyard) 	