SAIW

Southern African Institute of Welding

WELDING COORDINATORS COURSES 2026

CONTENTS

PROMOTING WORLD CLASS EXCELLENCE IN WELDING, NON-DESTRUCTIVE TESTING AND ALLIED TECHNOLOGY

The SAIW offers industry developed training programmes, which aim to provide the candidates with the necessary skills to meet industry needs.

Our skills programme is in the process of being registered with the relevant QCTOs, and once registered, may be recognised as part qualifications and contribute credits towards NQF alligned qualifications.

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Please refer to contacts on page 5

FOCUSED APPROACH TO 2026 Course Offering

Rationalised number of courses means students should PLAN AHEAD and BOOK TODAY!

The SAIW has rationalised its approach so that although the number of scheduled courses we offer remains exactly the same, the number of times these particular courses are offered through the year has been reduced, to provide a more streamlined offering. In line with this more focused approach, we are therefore proud to launch our courses for 2026!

(SEE THE FULL LIST IN THE TABLE ON THE NEXT PAGE WHICH PROVIDES A CLEAR IDEA OF THE COURSES WE OFFER).

Cost benefit	The cost benefit of this streamlined approach is that a third of our courses have been reduced in price and more than half our course prices have been increased at less than the inflation rate.
Plan ahead	This more streamlined and cost-effective approach means that students need to plan their training schedule for 2026 well in advance and book early to ensure they are in time for their desired course start date next year. **See your options on the next page.**
Non-scheduled & Regional Courses **DEMAND DEPENDENT**	Despite this streamlined approach, the SAIW remains committed to offering scheduled and non-scheduled regional courses in Cape Town and Durban. A minimum of five students is required per course to run. As soon as the minimum number of people have booked in your region, the course will be scheduled.

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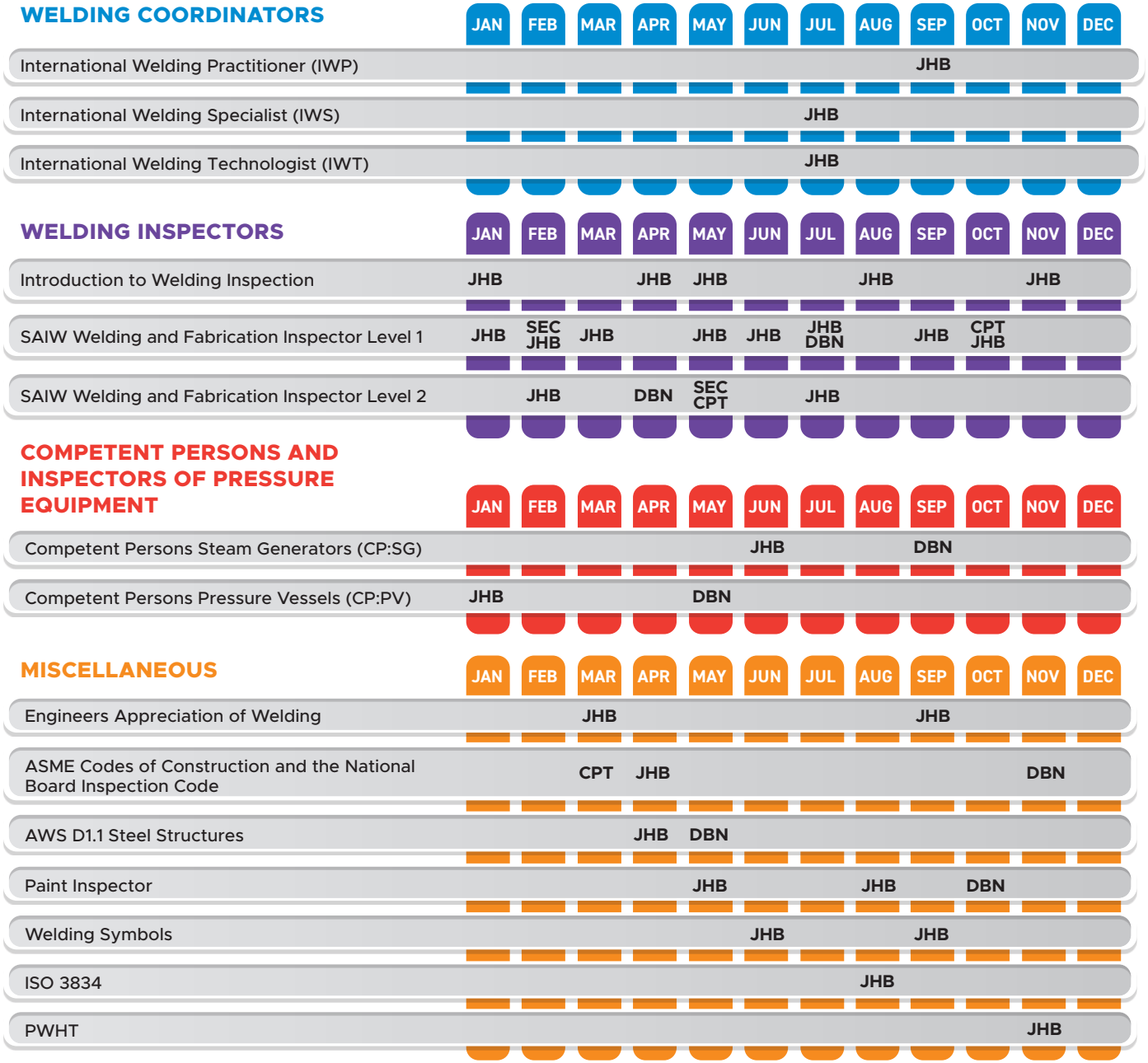
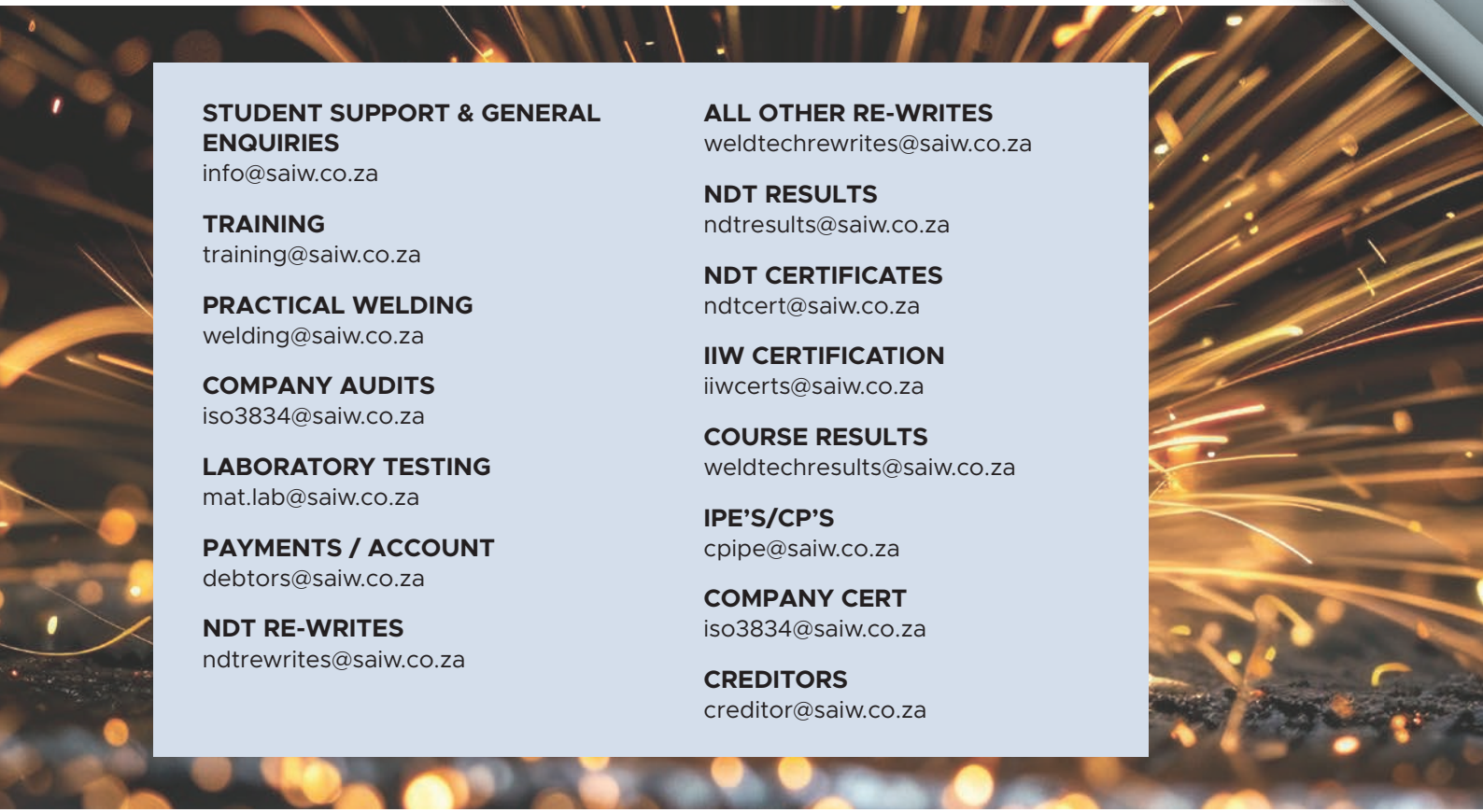
SAIW 2026 COURSE START DATES AT A GLANCE....



BOOKINGS & QUERIES

Contact Details



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COMPANY CERT
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CREDITORS
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ABOUT Welding Coordinators

Welding coordinators are integral to the field of welding, playing a pivotal role in ensuring the quality, safety, and efficiency of welding operations. These professionals are essential for organisations and projects of all sizes, as they oversee and manage various aspects of welding activities. At the Southern African Institute of Welding (SAIW), we recognise the significance of these roles and offer specialised training programmes to equip individuals with the knowledge and skills necessary for their success.

Welding coordinators are responsible for orchestrating and managing welding operations at a higher level. They ensure that welding activities adhere to international standards and codes, coordinate multiple projects or departments, and oversee the certification of welders and welding procedures. Through SAIW's courses, such as those aligned with the International Institute of Welding's (IIW) qualifications, individuals can become proficient Practitioners (IWP), Specialists (IWS), or Technologists (IWT), depending on their career goals and the scope of their responsibilities. These qualifications provide a structured pathway for welding professionals to advance their careers and make significant contributions to their organisations.

By choosing SAIW as your training partner, you gain access to a wealth of expertise and resources in the field of welding coordination. Our programmes are designed to meet the industry's evolving demands. Our experienced instructors are committed to providing comprehensive training that aligns with international best practices.

Join us at SAIW and embark on a journey to become a respected and capable leader in the world of welding coordination. Your skills and expertise will contribute to the safety and excellence of welding operations across various industries.

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ABOUT Welding Coordinators

International Welding Practitioner (IWP)

An International Welding Practitioner (IWP) is typically an individual responsible for ensuring that welding operations are carried out safely, efficiently, and in compliance with international welding standards and codes.

IWPs are trained to understand and apply welding processes, welding procedures, and quality control measures.

They play a key role in supervising welding activities and ensuring that welders adhere to established welding procedures and safety guidelines.

IWPs can also be involved in coordinating welding activities within their organisations or projects, although their focus is primarily on the practical aspects of welding.

International Welding Specialist (IWS)

An International Welding Specialist (IWS) is a more advanced role that involves a deeper understanding of welding technologies, materials, and quality control.

IWSs are often responsible for overseeing welding operations, conducting weld inspections, and ensuring compliance with welding standards and specifications.

They may take on leadership roles in managing welding teams, developing welding procedures, and addressing complex welding-related challenges.

IWSs have a comprehensive knowledge of welding processes, materials, and advanced welding techniques.

International Welding Technologist (IWT)

An International Welding Technologist (IWT) is a high-level welding professional who possesses advanced technical knowledge and expertise.

IWTs are often responsible for managing and coordinating welding activities on a larger scale, such as within a company or on major projects.

They play a crucial role in developing and implementing welding procedures, conducting research and development related to welding, and ensuring that welding processes meet specific performance criteria and industry standards.

IWTs may also be involved in training and certifying welders and welding personnel.

Career Progression

The IIW's IWP, IWS, and IWT courses provide a structured pathway for individuals to acquire the knowledge and skills needed to excel in welding coordination roles. These courses offer a progressive curriculum, allowing students to advance from the practitioner level (IWP) to specialist (IWS) and technologist (IWT) levels, depending on their career aspirations and responsibilities. These qualifications can lead to career growth and increased expertise in welding coordination within the welding industry.

International Welding Practitioner (IWP)

Course Information

Entry Requirements

- A valid welder qualification certificate to weld in all positions without backing in at least one process, e.g. 6G (H-L045) pipe weld without backing, or horizontal and vertical groove weld without backing.
  Supporting document: Valid welder qualification record (proof of welding within the past 6month) in any welding process and material in 6g pipe or plate 4g and 3g welding without backing except aluminium where backing is allowed.

- **OR**
  National welder qualification: eg QCTO welder or Red Seal Welder certificate or equivalent within the same qualification ranges as No 1.
  Supporting documents: Welder trade certificate.

- **AND**
  The recommended minimum age of 20 years including 2 years working experience as plate or pipe welder.
  Supporting documents: CV / reference letter from current or previous employer.

Course Ouline: This course has both a theoretical and a class practical component and covers:

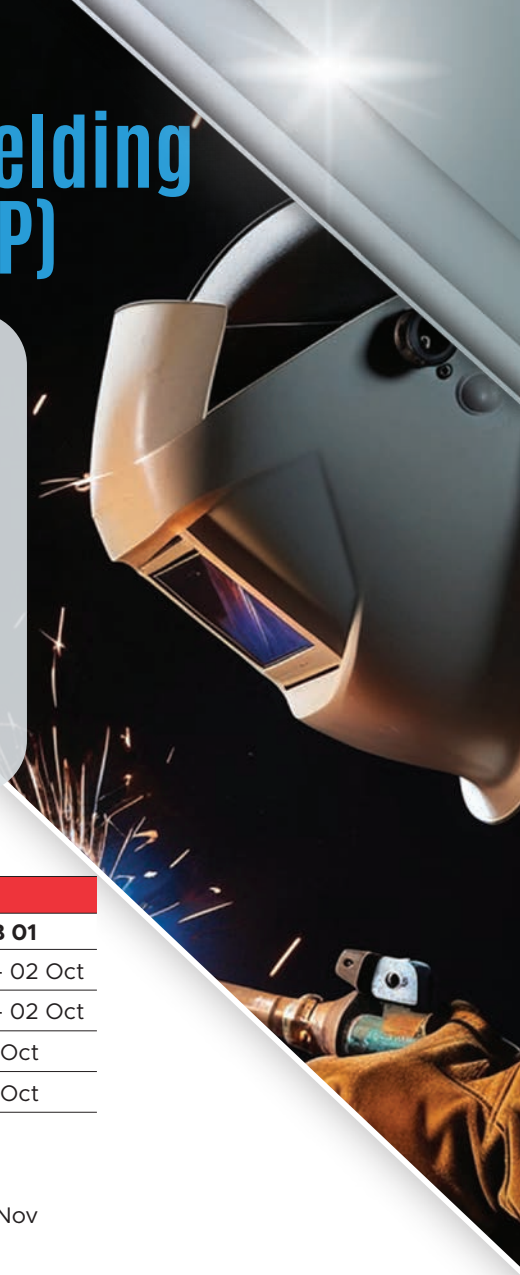
- Welding processes and equipment.
- Materials and their behaviour during welding, construction and design.
- Fabrication applications engineering.
- Welder qualification tests will be conducted on completion of the theory and practical training in the 6G positions and PF plate positions, in a choice of processes or materials.

Practical Welder training is carried out on an individual basis with the main processes being MMA, MIG/MAG, FCAW, TIG and Oxy-Fuel welding. Forty (40) hours are reserved to broaden the student's knowledge and skill in other relevant materials within this main process. An additional twenty (20) hours shall be reserved to give the student basic understanding of the possibilities of other processes.

On completion of the course, students will have an understanding of:

- The characteristics and main components of the most common arc welding power sources
- The fundamentals of common and special welding processes and their applications
- Consumables used in the different processes
- Joint designs and weld configurations for specific materials, thicknesses, accessibility, different loadings and allowable tolerances
- Basic metallurgy of steels, testing of materials and heat treatments
- Defects encountered with the various welding processes
- And more – see dedicated course brochure for additional details

International Welding Practitioner (IWP)



The Course Is Intended For

Welders who wish to improve their welding skills and knowledge to enable them to take on welding supervision tasks and positions.

Course duration:

Practical	5 days
Theory	10 days
Exams	4 hours

PRICING (Including VAT)

	Theory Only	Practical Only	Combined
Corporate Member	**R 16 112**	**R 8 141**	**R 24 253**
Non-Corporate Member	**R 17 490**	**R 8 141**	**R 25 631**

*Prices subject to change

Course Schedule | International Welding Practitioner (IWP)

JOHANNESBURG			
WEEK	**COURSE INFORMATION**	**HRS**	**JHB 01**
1	Welding Processes and Equiment	29	28 Sep - 02 Oct
	Materials and their Behaviour During Welding	23	28 Sep - 02 Oct
2	Construction and Design	6	5-8 Oct
	Fabrication, Application and Engineering	28	5-8 Oct
	Examination - Practical Training*		02 Nov
	Examination - Welding Processes and Equipment	1	
	Examination - Materials and their Behavious During Welding	1	
	Examination - Construction and Design	1	
	Examination - Fabrication, Application and Engineering	1	

* Practical training must be done in the same calandar year in which the theory was completed.

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International Welding Specialist (IWS)

Course Information

Entry Requirements

- ✓ The recommended minimum age is 20 years
- ✓ A senior certificate (matric, N3) AND a minimum of 2 years of job related experience is required

OR

- ✓ Hold a General Education and Training Certificate (GETC – Grade 9) plus 5 years relevant metal working experience

Candidates not meeting the above educational requirements will still be able to access the course through artisan qualification and experience. Contact the SAIW for more information.

Course Outline

PRACTICAL

- The practical training component of the course is not intended to bring the skill of trainees to a specific competency level but is aimed at ensuring they are exposed to a number of different processes and are familiar with the reasons for typical defects arising during welding
- Exemption is possible from the practical training module subject to a suitable CV showing experience with welding processes and is at the discretion of the Approved Training Body

THEORY

- Welding Processes and Equipment
- Materials and their behaviour during welding
- Construction and Design
- Fabrications, Applications Engineering

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International Welding Specialist (IWS)

The Course Is Intended For

Welding supervisors and coordinators and for personnel involved in training and technical sales.

Course duration:

Practical	5 days
Theory	27 days
Exams	9.5 hours

PRICING (Including VAT)

	Theory Only	Practical Only	Combined
Corporate Member	**R 54 696**	**R 8 141**	**R 62 837**
Non-Corporate Member	**R 59 042**	**R 8 141**	**R 67 183**

*Prices subject to change

Course Schedule | International Welding Specialist (IWS)

JOHANNESBURG			
WEEK	**COURSE INFORMATION**	**HRS**	**JHB 01**
	Practical Welding*	56	08-12 Jun
1	Welding Processes and Equiment	48	06-13 Jul
2	Materials and their Behaviour During Welding	56	17-26 Aug
3	Construction and Design	24	14 - 17 Sep
4	Fabrication, Application and Engineering	54	12 - 21 Oct
	Examination - Welding Processes and Equipment	2	17 Aug
	Examination - Materials and their Behavious During Welding	2	14 Sep
	Examination - Construction and Design	2	16 Nov
	Examination - Fabrication, Application and Engineering - Open Book	1,5	16 Nov
	Examination - Fabrication, Application and Engineering - Closed Book	2	

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International Welding Technologist (IWT)

Course Information

Entry Requirements

- ✓ National diploma in Engineering from a Technical University (Technikon) **OR**
- ✓ Higher level Engineering qualification **OR**
- ✓ IWS diploma with 6 years work experience as a Welding Coordinator at an appropriate level within 8 years after receiving the IWS diploma **OR**
- ✓ N6 Mechanical Engineering with 5 years welding experience on Technologist level in the last 10 years

Course Outline

PRACTICAL

- The practical training component of the course is not intended to bring the skill of trainees to a specific competency level but is aimed at ensuring they are exposed to a number of different processes and are familiar with the reasons for typical defects arising during welding
- Exemption is possible from the practical training module subject to a suitable CV showing experience with welding processes and is at the discretion of the Approved Training Body

THEORY

- Welding Processes and Equipment including advanced welding processes
- Materials and their behavior during welding including advanced materials
- Construction and Design of welded fabrications
- Fabrications, Applications Engineering covering welding standards & their use

The International Welding Technologist (IWT) course is aimed at equipping personnel with the necessary skills and technical knowledge for the planning, executing, supervising and testing of the tasks and responsibilities in welding fabrication.

Engineering personnel intending to pursue a career in welding fabrication should apply for this course. It is suitable for engineers working on site and in fabrication workshops, in manufacturing, EPCM companies and end users. The qualification is referenced as suitable for employees with welding coordination responsibilities in ISO 3834 and ISO 14731 standards addressing welding.

It is also an excellent qualification for Welding Coordination Personnel with the responsibility for confirming the acceptability of welding procedures used in welded fabrications.

International Welding Technologist (IWT)

The Course Is Intended For

Engineering personnel with a National diploma in engineering or an equivalent qualification, intending to pursue a career in welding fabrication and for engineers working in site and workshop fabrication.

Course duration:

Practical	5 days
Theory	37 days
Exams	16 hours

PRICING (Including VAT)

	Theory Only	Practical Only	Combined
Corporate Member	**R 70 702**	**R 8 141**	**R 78 843**
Non-Corporate Member	**R 76 426**	**R 8 141**	**R 84 567**

*Prices subject to change

PLEASE NOTE:

The practical component aims to provide a candidate with knowledge on the control of the different welding processes. The candidate will become familiar with the problems and typical defects associated with incorrect use of the different welding methods.

Exemption is available from the practical training module on application with a suitable CV showing experience with all the welding processes, subject to the discretion of the Approved Training Body.

Course Schedule | International Welding Technologist (IWT)

JOHANNESBURG			
WEEK	**COURSE INFORMATION**	**HRS**	**JHB 01**
	Practical Welding*	60	22-26 June
1	Welding Processes and Equiment	81	27 Jul - 07 Aug
2	Materials and their Behaviour During Welding	96	24 Aug - 07 Sep
3	Construction and Design	44	28 Sep - 02 Oct
4	Fabrication, Application and Engineering	81	26 Oct - 09 Nov
	Examination - Welding Processes and Equipment	3	24 Aug
	Examination - Materials and their Behavious During Welding	3	28 Sep
	Examination - Construction and Design	3	26 Oct
	Examination - Fabrication, Application and Engineering - Open Book	2	23 Nov
	Examination - Fabrication, Application and Engineering - Closed Book	2,5	

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SAIW

JOHANNESBURG CAMPUS

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