INTERNATIONAL WELDING TECHNOLOGIST (IWT)

COURSE INFORMATION

ENTRY REQUIREMENTS

- ✓ Matric / FET from a school, college, vocational school or technical institute,
  AND
  Education in a Science, Technology and Mathematics discipline that includes at least Mathematics, Physics and Chemistry
  OR
- ✓ Matric / FET as above, with Mathematics but without Physics and Chemistry, must have at least 2 years' experience in metalworking or welding within the last 5 years
  OR
- ✓ Matric / FET without STM. Must have at least 5 years' experience in metalworking

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 behaviour during welding including advanced materials
- ✓ Construction and Design of welded fabrications
- ✓ Fabrications, Applications Engineering covering welding standards & their use

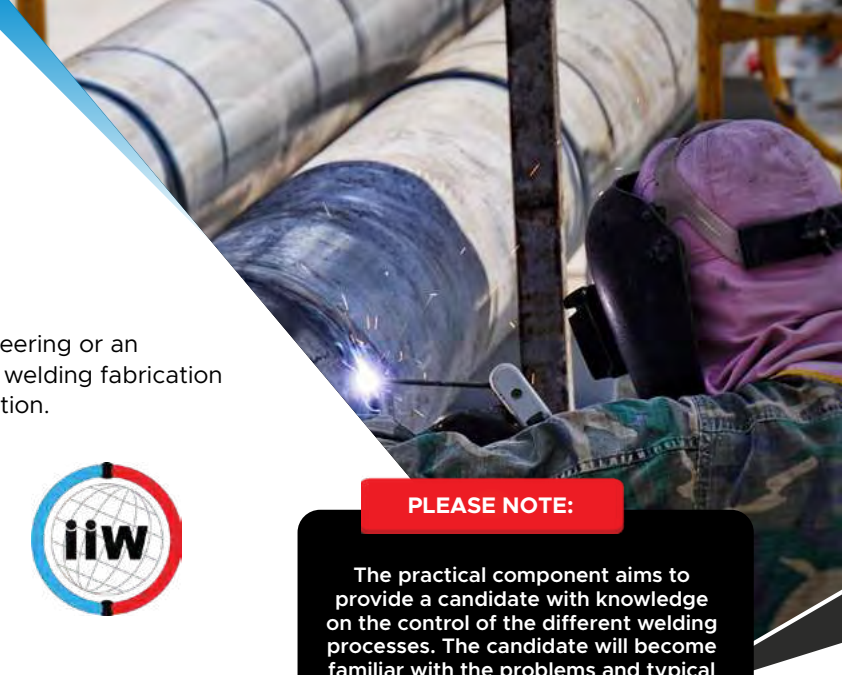
The International Welding Technologist (IWT) course is aimed at equipping personnel with the necessary skills and technical knowledge for the planning, executing, supervising and testing of the tasks and responsibilities in welding fabrication.

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.

Please refer to contacts on page 14 | www.saiw.co.za

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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

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.

PRICING (Including VAT)

	Theory Only	Practical Only	Combined
Corporate Member	**R 75 651**	**R 8 711**	**R 84 362**
Non-Corporate Member	**R 81 776**	**R 8 711**	**R 90 485**

*Prices subject to change

Course Schedule | International Welding Technologist (IWT)

JOHANNESBURG			
WEEK	**COURSE INFORMATION**	**HRS**	**JHB 01**
	Practical Welding*	60	21-25 June
1	Welding Processes and Equipment	81	26 Jul - 06 Aug
2	Materials and their Behaviour During Welding	96	23 Aug - 06 Sep
3	Construction and Design	44	27 Sep - 01 Oct
4	Fabrication, Application and Engineering	81	25 Oct - 08 Nov
	Examination - Welding Processes and Equipment	3	23 Aug
	Examination - Materials and their Behaviours During Welding	3	27 Sep
	Examination - Construction and Design	3	25 Oct
	Examination - Fabrication, Application and Engineering - Open Book	2	22 Nov
	Examination - Fabrication, Application and Engineering - Closed Book	2,5	

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