

# IIW Welding Technologist



## COURSE INFORMATION

### ENTRY REQUIREMENTS

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

### COURSE OUTLINE

- 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 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.



## An International Institute of Welding IIW Course

The welding technologist 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.



Scan this QR code to download the SAIW Course Prospectus App onto your cellular phone.

### COURSE DURATION

Practical 7 days  
Theory 37 days  
Exams 16 hours

### PRICING (Including VAT)

	Theory Only	Practical Only	Combined
Corporate Member	<b>R 78,000</b>	<b>R 9,505</b>	<b>R 87,505</b>
Non-Corporate Member	<b>R 84,325</b>	<b>R 9,505</b>	<b>R 93,830</b>

#### 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 | IIW Welding Technologist

JOHANNESBURG		
	HRS	JHB 1
Practical Welding	60	03 - 11 May
Welding Processes and Equipment	81	30 May - 10 Jun
Materials and their behaviour during welding	96	11 - 26 Jul
Construction and Design	44	15 - 19 Aug
Fabrication, application and Engineering	81	12 - 23 Sep
Examinations are held on 1 <sup>st</sup> day of the following module	4 x 4	17 Oct