

EWF/IIW Welding Diploma

An internationally recognised certification for assessing the competence of tasks/responsibilities during welding coordination (BS EN ISO 14731)

Entry requirements

Entry requirements for each level can be found on the table opposite. Don't worry if you don't meet the entry requirements for the higher levels when you begin your training. You can either gain additional qualifications as you progress through the diploma or continue studying the modules to receive the TWI Diploma in Welding Technology and TWI Diploma in Welding Engineering. The TWI diploma is designed to provide professional development routes for those candidates who do not satisfy the entry requirements for the International/European Welding Technologist or Engineer diploma. The TWI Diploma in Welding Technology provides a signification contribution towards some higher education courses. Talk to your chosen college to discuss your options and what CATS credits they would award.

* Entry examination

Some of the entry requirements for the Specialist level are marked with an asterisk. If you meet these requirements you will need to pass an entry exam before you can begin studying towards the Diploma. There is no charge for this exam and you can take it at our training centres in Cambridge, Middlesbrough or Aberdeen.

The entry exam is a 45-minute paper made up of 30 multi-choice questions, You will be provided with further details and a practice paper if applicable.

Exemption for some modules

The vast majority of candidates who wish to take the Engineer level start with the six modules at Specialist level and build on their knowledge with another four modules at Technologist level and then a final four at Engineer level.

For exemption from the practical module, candidates would need to have certificates across a variety of welding processes from City & Guilds or ECITB or other certification bodies.

If you wish to be given exemption from any other modules candidates need to have at least four years experience as a Welding Engineer working across a variety of processes. It is essential that you are confident in the areas covered as the majority of the class will have already studied the earlier modules and the lecturer is not able to go back over the material already taught. In our experience, candidates without this experience would struggle to pass the examinations without completing all the training.

The EWF and IIW only allow candidates who have extensive experience working as a welding engineer to be given exemption from any modules. These are their rules which we must follow in order to be able to issue you with an IWE certificate when you successfully pass your exams

The assessor will review the details you provide when you request approval to enrol on the diploma and decide if any exemption is relevant,

If you are considering applying for IEng status to enable you to meet the entry requirements, please contact theweldinginstitute@twi.co.uk to discuss how you can achieve this as soon as possible.

SPECIALIST LEVEL

Six modules to be completed - each module lasts one week and finishes with an exam (standard route)

Entry Requirements

- Two years' relevant experience and one of the following:
 - A minimum of a CSWIP 3.2 Senior Welding Inspector certificate
 - A BTec/Scotvec, National Certificate in an engineering subject
 - An approved City & Guilds of London Institute Part 3 Certificates in an engineering subject
 - An approved Level 3 Qualification (NVQ, VRQ, Technical Certificate, Diploma, Apprenticeship) in an engineering subject
 - Professional Technician of Engineering Technician (EngTech) status granted by the Engineering Council UK, registered through The Welding Institute
 - A Level 2 qualification (eg NVQ level 2 Engineering, CSWIP 3.1) providing you pass the entry exam*
- OR
- Five years' work experience (three years of which must be relevant work experience) and a minimum of four GCSEs at Grade C or above, providing you pass an entry examination*

WPE1
Welding Processes and Equipment (Foundation)

+

AWP1
Advanced Welding Processes and Equipment

+

PWT
Practical Welding Technology (Foundation)

+

MAB1
Materials and their Behaviour (Foundation)

+

DAC1
Design and Construction (Foundation)

+

FAA1
Fabrication and Application (Foundation)

→

EWF/IIW
International Welding Specialist (EWS/IWS)

TECHNOLOGIST LEVEL

Four modules to be completed - each module lasts one week and finishes with an exam

Entry Requirements

- Complete the Specialist Level detailed above AND hold a Higher National Certificate (HNC) in an engineering discipline OR
- Professional engineer of Incorporated (IEng) status granted by the UK Engineering Council under mature candidates rules OR
- Level 4 National or Scottish Vocational Qualifications or other equivalent nationally recognised vocations qualifications in engineering subjects

WPE2
Welding Processes and Equipment (Intermediate)

+

MAB2
Materials and their Behaviour (Intermediate)

+

DAC2
Design and Construction (Intermediate)

+

FAA2
Fabrication and Application (Intermediate)

→

EWF/IIW
International Welding Technologist (EWT/IWT)

ENGINEER LEVEL

Four modules to be completed - each module lasts one week and finishes with an exam

Entry Requirements

- Complete the Specialist and Technologist modules detailed above or be granted exemption from these modules AND hold a University degree in an engineering discipline OR
- Professional engineer of Chartered Engineer (CEng) status granted by the UK Engineering Council OR
- Professional engineer of Incorporated Engineer (IEng) status, granted by the UK Engineering Council, including as a minimum an HNC or Higher National Diploma (HND) or a Foundation degree or an NVQ Level 4 in an engineering discipline

WPE3
Welding Processes and Equipment (Advanced)

+

MAB3
Materials and their Behaviour (Advanced)

+

DAC3
Construction and Design (Advanced)

+

FAA3
Fabrication and Application (Advanced)

→

EWF/IIW
International Welding Engineer (EWE/IWE)