

QUALIFICATION	KNOWLEDGE APPLICATION	SKILLS APPLICATION	COMPETENCES	EQF LEVEL	TEACHING HOURS	WORKLOAD * (hours)	ECVET POINTS **
IWE	Highly specialised and forefront knowledge including original thinking, research and critical assessment of theory, principles and applicability of welding related technologies.	Highly specialised problem-solving skills including critical and original evaluation, allowing to define or develop the best technical and economical solutions, when applying welding processes and related technologies, in complex and unpredictable conditions.	Manage and transform the welding processes and related technologies in a highly complex context. Act as the full responsible person for the definition and revision of the welding and related personnel's tasks.	7	448	836	75
IWT	Advanced knowledge and critical understanding of the theory, principles and applicability of welding and related technologies.	Advanced problem-solving skills including critical evaluation, allowing to choose the proper technical and economical solutions, when applying welding and related technologies, in complex and unpredictable conditions.	Manage the applications of welding and related technologies in a highly complex context. Act autonomously as the responsible person for the decision making and the definition of the welding and related personnel's tasks.	6	369	534	50
IWS	Specialized, factual and theoretical knowledge of the theory, principles and applicability of the welding and related technologies.	Specialized range of cognitive and practical skills, allowing to develop solutions or choose the appropriate methods, when applying welding and related technologies, in common/regular problems.	Manage and supervise common or standard welding applications and related technologies, in an unpredictable context. Take responsibility with limited autonomy for decision making in common or standard work and supervise the welding and related personnel's tasks.	5	249	312	30
IWP	Factual and theoretical knowledge (basic understanding) of the theory, principles and applicability of the welding and related, technologies.	Fundamental range of cognitive and practical skills required to identify proper solutions, when applying welding and related technologies, in basic and specific problems.	Self-manage within the guidelines of work, the applications of welding and related technologies, in a predictable context, but subject to change. Take responsibility without autonomy for decision making in basic work and supervise basic tasks of welding and related personnel.	4	249	297	8

* Workload is the minimum duration of the Teaching hours for the Standard route plus the hours the student needs for self-study.

** ECVET is the European Credit system for Vocational Education and Training.