

Partners' information for AIRE units

Unit no. 8 Technical English  
Level 5

Unit no. 8 Technical English, level 5		Knowledge	Skills	Competences
Descriptors defining levels in the European Qualifications Framework (EQF)	Level 3	knowledge of facts, principles, processes and general concepts, in a field of work or study	a range of cognitive and practical skills required to accomplish tasks and solve problems by selecting and applying basic methods, tools, materials and information	take responsibility for completion of tasks in work or study adapt own behaviour to circumstances in solving problems
	Level 4	factual and theoretical knowledge in broad contexts within a field of work or study	a range of cognitive and practical skills required to generate solutions to specific problems in a field of work or study	exercise self-management within the guidelines of work or study contexts that are usually predictable, but are subject to change supervise the routine work of others, taking some responsibility for the evaluation and improvement of work or study activities
	Level 5	<b>comprehensive, specialised, factual and theoretical knowledge within a field of work or study and an awareness of the boundaries of that knowledge</b>	<b>a comprehensive range of cognitive and practical skills required to develop creative solutions to abstract problems</b>	<b>exercise management and supervision in contexts of work or study activities where there is unpredictable change review and develop performance of self and others</b>

Partners' information for AIRE units

Unit no. 8 Technical English  
Level 5

- 40% general language/ 40% technical English/20% cultural background (Europe-wide)

When elaborating material for Technical English there should be close cooperation between English teachers and technical teachers. Suggestion: Organize a "project week" where students and those different teachers develop presentations and handouts in English on a special topic which has something to do with the technical subject, e. g. "Who was Volta?"

The candidates for EQF level 5 must have a demand of **level B2** Technical English skills according to the European Framework of Languages. (Here the adapted version of the EUROPASS document.)

	General contents	Knowledge	Skills	Competences
Understanding	Listening		I can understand extended speech and lectures and follow even complex lines of argument provided the topic is reasonably familiar. I can understand most TV news and current affairs programmes. I can understand the majority of films in standard dialect.	
	Reading		I can read articles and reports concerned with contemporary problems in which the writers adopt particular attitudes or viewpoints. I can understand contemporary <b>technical articles</b> . I can understand <b>legal directives</b> .	
Speaking	Spoken interaction		I can interact with a degree of fluency and spontaneity that makes regular interaction with native <b>and other European</b> speakers quite possible. I can take an active part in discussion in familiar contexts, accounting for and sustaining my views.	

# aire<sup>5</sup>

certified vocational training

Partners' information for AIRE units

Unit no. 8 Technical English  
Level 5

	Spoken production		I can present clear, detailed descriptions on a wide range of subjects related to my field of interest/ <b>work</b> . I can explain a viewpoint on a topical issue giving the advantages and disadvantages of various options.	
Writing			I can write clear, detailed text on a wide range of subjects related to my <b>job</b> . I can write an essay or report, passing on information or giving reasons in support of or against a particular point of view <b>and action</b> . I can write letters highlighting the personal significance of events and experiences.	

aire<sup>5</sup>  
certified vocational training

Partners' information for AIRE units

Unit no. 8 Technical English  
Level 5

The following general themes should be covered (ref. Technical English officially certified with the standards of the German Authority "Kultusministerkonferenz", Dr. Wolfgang Schäfer, English book Switch on, Klett Verlag 2005):

- The job
- Installation materials
- Troubleshooting and customer service
- Electricity: generation and distribution
- Batteries, direct and alternating current
- Energy from the sun
- Electric circuits
- Magnetism and induction
- Computers and networks
- Control systems
- Presenting your company
- Applying for a job in Europe