

## THE RELATIONSHIP BETWEEN NATIONAL QUALIFICATIONS FRAMEWORK FOR HIGHER EDUCATION IN TURKEY- PROGRAMME KEY LEARNING OUTCOMES- BASIC FIELD QUALIFICATIONS

Basic Field Qualifications (Engineering)			PROGRAM QUALIFICATIONS/OUTCOMES														NATIONAL QUALIFICATIONS FRAMEWORK FOR HIGHER EDUCATION IN TURKEY (NQF-HETR) 5. Level (Associate's) Qualifications		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14			
KNOWLEDGE	1- Mathematics, science and basic engineering sciences applied to these areas to have adequate knowledge in the fields				X X	X X	X X		X			X						1. At the secondary level qualifications acquired on the basis of current knowledge in the field of textbooks, application tools and other resources supported by basic theoretical and practical knowledge that	KNOWLEDGE
SKILLS	1- With basic engineering perspective and understand the problems identified in the field of engineering solutions makes		X	X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	1. The acquired basic theoretical and practical knowledge in the same area or on the same level at the level of advanced training in an area to acquire the skills to use.	SKILLS	
	2- An engineering supplies and tools necessary for the application of modern techniques, taking additional technical training uses					X X	X X			X			X			2. Basic knowledge and skills acquired in the field, using the ability to interpret and evaluate data, identify problems, analyze the evidence-based solutions to develop.			
	3- Technical drawing is made.					X						X							
	4- Algorithmic think.				X								X						
	5- For the study of engineering problems and conducting experiments, data collection, presentation and basic interpretation of the data collected does.				X				X				X						
COMPETENCES	Competence to work independently and take Responsibility	1- Engineering in team or individual work.					X X										1. Related to the field to conduct an independent study on the basic level.	Competence to work independently and take Responsibility	COMPETENCES
							X		X							2. Encountered in applications related to the field to solve complex and unpredictable problems to take responsibility as a team member.			
						X X										3. Within the framework of a project under the responsibility of employees to conduct activities for development.			

## THE RELATIONSHIP BETWEEN NATIONAL QUALIFICATIONS FRAMEWORK FOR HIGHER EDUCATION IN TURKEY- PROGRAMME KEY LEARNING OUTCOMES- BASIC FIELD QUALIFICATIONS (Continuous)

Basic Field Qualifications (Engineering)			PROGRAM QUALIFICATIONS/OUTCOMES														NATIONAL QUALIFICATIONS FRAMEWORK FOR HIGHER EDUCATION IN TURKEY (NQF-HETR) 5. Level (Associate's) Qualifications)		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14			
COMPETENCES	Learning competences	1- In recognition of the need for lifelong learning is monitoring developments in the field of vocational and academic shows, constantly renews itself.			X	X			X								1. The acquired basic knowledge and skills to critically evaluate, to determine and meet the learning needs.	Learning competences	COMPETENCES
		2- An engineering tool for the application of the modern techniques and tools are used by additional technical training.	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
					X	X													
COMPETENCES	Communication and Social Competence	1- Area as required by the European Computer Driving Licence Foundation least with computer software uses information and communication technologies		X								X		X		X	1. Issues related to the field have the basic knowledge and skills at the level of ideas through written and verbal communication to transfer.	Communication and Social Competence	COMPETENCES
		2- A foreign language at least at the level of European Language Portfolio A2 marks in the field using information and communicate with colleagues.					X			X									
		3- Communicate using technical drawing techniques.				X	X												
												X				X			
COMPETENCES	Field Specific Competences	1- Observance of professional ethics in engineering applications have awareness.								X			X			X	1. Related to the field of data collection, dissemination stages of implementation and results of the social, scientific, cultural and ethical values have.	Field Specific Competences	COMPETENCES
													X	X	X				