

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) 6. Level (Undergraduated's) Qualifications		
		1	2	3	4	5	6	7	8	9	10	11	12			
KNOWLEDGE	1. Possess advanced level theoretical and practical knowledge supported by textbooks with updated information, practice equipments and other resources.	X	X X	X	X X	X	X X	X X	X X				X	1. Possess advanced level theoretical and practical knowledge supported by textbooks with updated information, practice equipments and other resources.	KNOWLEDGE	
	1- Use of advanced theoretical and practical knowledge within the field	X	X	X X	X X	X	X X	X X	X X		X			1. Use of advanced theoretical and practical knowledge within the field.	SKILLS	
SKILLS	2 - Interpret and evaluate data, define and analyze problems, develop solutions based on research and proofs by using acquired advanced knowledge and skills within the		X	X	X X X	X X X	X X	X		X			X	2. Interpret and evaluate data, define and analyze problems, develop solutions based on research and proofs by using acquired advanced knowledge and skills within the field		
	3 – To analyse a system or system' s component or process and to design the requirements which are requested, through this way, to apply the modern scientific systems.		X		X X	X X	X X		X							
	4 – Both select and use the modern techniques and tools for require of engineering applications.				X		X X	X X	X X	X						
	5 – To design the experience, conduct an experiment, collect data, to analyse and interpret the results.					X					X	X	X			
COMPETENCES	Competence to Work Independently and Take Responsibility 1 –To study in groups and individual with self disciplined. 2- Access to information and resources for this purpose does research, databases and other nformation resources.			X X	X X	X X		X X	X X	X			1. Conduct studies at an advanced level in the field independently. 2. Take responsibility both as a team member and individually in order to solve unexpected complex problems faced within the implementations in the field. 3. Planning and managing activities towards the development of subordinates in the framework of a project.	Competence to Work Independently and Take Responsibility	COMPETENCES	

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COMPETENCES		Field Specific Competence												COMPETENCES
Alana Özgü Yetkinlik		1	2	3	4	5	6	7	8	9	10	11	12	13
1- Has a professional and ethical responsibility.		X	X	X			X			X	X	X	X	1- Act in accordance with social, scientific, cultural and ethic values on the stages of gathering, implementation and release of the results of data related to the field.
2. Project management, workplace practices, employee health, environmental and safety issues, awareness about the legal implications of engineering applications have awareness.				X	X		X	X	X		X			2- Possess sufficient consciousness about the issues of universality of social rights, social justice, quality, cultural values and also, environmental protection, worker's health and security.
3 . Engineering solutions and applications to be aware of the effects of universal and social dimensions shows that entrepreneurship and innovation are aware of the issues and is knowledgeable about contemporary issues			X						X	X	X	X		

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		1	2	3	4	5	6	7	8	9	10	11	12	13			
COMPETENCES	Alana Özgü Yetkinlik	3. Birey ve halk sağlığı, çevre koruma ve iş güvenliği konularında yeterli bilince sahiptir.	X	X	X									X		Alana Özgü Yetkinlik	COMPETENCES
		4. Birey olarak görev, hak ve sorumlulukları ile ilgili yasa, yönetmelik, mevzuata ve mesleki etik kurallarına uygun davranır.		X	X	X	X					X					
		5. Dış görünüm, tavır, tutum ve davranışları ile topluma örnektir.		X		X	X	X						X			
		6. Diğer sağlık disiplinleri ile çalışabilme deneyimine sahiptir.								X	X	X	X				
		7. Mesleki ve etik değerleri gözeterek çözüm önerileri geliştirir.	X			X		X					X				