Basic Field Qualifications (Engineering)	PROGRAM QUALIFICATIONS/OUTCOMES							ICA	TIC	ONS	/OU	TCOMES	NATIONAL QUALIFICATIONS FRAMEWORK FOR HIGHER EDUCATIO IN TURKEY (NQF-HETR) 6. Level (Undergraduated's) Qualifications					
1. Possess advanced level theoretical and practical knowledge supported by textbooks with updated information, practice equipments and other resources.	1 X	X X	3 X	X X	5 X	6 Х	7 X	8 X	9 X	10	11	12 X	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		Use of advanced theoretical and practical knowledge within the field.	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	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									
4 – Both select and use the modern techniques and tools for require of engineering applications.				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	Х						
Property of the property of th			×	×	X	X		X	X	X	x		Conduct studies at an advanced level in the field independently. Take responsibility both as a team member and individually in order to solve unexpected complex problems faced within the implementations in the field. Planning and managing activities towards the development of subordinates in the framework of a project. Competence to Competence to Vorkendently and Take Responsibility	COMPETENCES				
	(Engineering) 1. Possess advanced level theoretical and practical knowledge supported by textbooks with updated information, practice equipments and other resources. 1- Use of advanced theoretical and practical knowledge within the field 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 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. 4 – Both select and use the modern techniques and tools for require of engineering applications. 5 – To design the experience, conduct an experiment, collect data, to analyse and interpret the results.	(Engineering) 1. 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	F	PROC	GRAI	M Q	UAL	IFIC	AT	101	NS/C	OUTO	СОМІ	ES	NATIONAL QUALIFICATIONS FRAMEWORK FOR HIGHER EDUCATION			
	(Engineering)			3	4	5	6	7	8	9	10	11	12	IN TURKEY (NQF-HETR) 6. Level (Undergraduated's)		
	Field needs at least European Computer Driving Licence Advanced Level with computer software uses information and communication technologies.	X	X	X	X	X								Inform people and institutions, transfer ideas and solution proposals to problems in written and orally on issues in the field.		
COMPETENCES letişim ve Sosyal Yetkinlik	Communicate effectively in oral and written; least one foreign language use in the B1 level of European Language Portfolio.			X	X	X	X	X						2- Share the ideas and solution proposals to problems on issues in the field with professionals and non-professionals by the support of qualitative and quantitative data.	Communic	COMPETENCES
PETER S Sosy	3 - Communicates using technical drawing.			X	X	X	X	X						Organize and implement project and activities for social environment with a sense of social responsibility.	ation	ETEN
COMF lletişim ve	Access to information and resources for this purpose does research, databases and other information resources.				X			X		X X	X	X		4.Monitor the developments in the field and communicate with peers by using a foreign language at least at a level of European Language Portfolio B1 General Level.	tion and Social	ICES
	5- Universal and social dimensions of engineering solutions and applications will be aware of the effects of entrepreneurship and innovation is aware of and has knowledge about contemporary issues.		Х	X	X	X	X X	X	X					5.Use informatics and communication technologies with at least a minimum level of European Computer Driving License Advanced Level software knowledge		
	Access to information and resources for this purpose does research, databases and other information resources are used.		X	X	X	X	X							Evaluate the knowledge and skills acquired at an advanced level in the field with a critical approach.		СОМР
	2- Is aware of the necessity of lifelong learning; follows the developments in science and technology and constantly renews itself.		X	X	X	Х		X	X	Х	Х	Х		2.Determine learning needs and direct the learning.	_earning	COMPETENCES
NCES	3- Mathematics, science and engineering in their field of theoretical and practical knowledge to find solutions for use.		X	X	X		X	X		X	X		X	Develop positive attitude towards lifelong learning.		S
COMPETENCES Öğrenme	4- Engineering problems, identify, formulate and solve this purpose, select appropriate analytical methods and modeling techniques and implements.	X	X	X						X						
ช	5- A system, system component, or process to meet desired needs analyzes and design under realistic constraints, it implements the methods of modern design accordingly.					X	X	X	X		X					
	6- The modern techniques and tools necessary for engineering practice selects and uses.		X	X	X											
	7- Individually and work effectively in multi-disciplinary teams.	X				X	X			X						

rences Özgü Yetkinlik	1- Has a professional and ethical responsibility.	X	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.	Field Specifi	COMPETENCES
COMPE	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	X		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.	, α	
	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		X							X	X	X	X			

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					3	4	5	6	7	8	9	10	11	12	13		
		Birey ve halk sağlığı, çevre koruma ve iş güvenliği konularında yeterli bilince sahiptir.	X	X	X										X		
TENCES		Birey olarak görev, hak ve sorumlulukları ile ilgili yasa, yönetmelik, mevzuata ve mesleki etik kurallarına uygun davranır.		X	X	X	X						X			COM Alana Č	
111	ü	5. Dış görünüm, tavır, tutum ve davranışları ile topluma örnektir.		X		X	X	X	X						X	PETE	
COMP	Alana Ċ	Diğer sağlık disiplinleri ile çalışabilme deneyimine sahiptir.									X	X	X	X		etkinlii	
		7. Mesleki ve etik değerleri gözeterek çözüm önerileri geliştirir.	X			X		X						X		*	