

Field of Education Qualifications			LEARNING OUTCOMES										National Qualifications Framework for Higher Education in Turkey		
			1	2	3	4	5	6	7	8	9	10			
KNOWLEDGE	1. Possessing advanced level theoretical and practical knowledge supported by textbooks with updated information, practicing equipment and other resources.		X X										1. Possessing advanced level theoretical and practical knowledge supported by textbooks with updated information, practicing equipment and other resources.	KNOWLEDGE	
SKILLS	1. Adapting and transmitting the acquired field knowledge to secondary education.							X X					1. Using of advanced theoretical and practical knowledge within the field.	SKILLS	
	2. Using the acquired advanced institutional and applied knowledge within field.							X X				X	2. Interpreting and evaluating data, defining and analyzing problems, developing solutions based on research and proofs by using acquired advanced knowledge and skills within the field.		
	3. Using the acquired advanced institutional and applied knowledge within field.								X						
	4. Interpreting and evaluating the acquired advanced knowledge and skills within field, defining problems that are in correlation with the up-to-date technological progresses, analyzing them, producing solution offers depending on researches and facts.								X	X		X			
	5. Having the ability to conceptualized the field related facts and phenomena, investigating them with scientific method.						X								
	6. Designing and conducting experiments for investigating problems, collecting data, analyzing and interpreting the results.						X					X			
COMPETENCES	Competence to Work Independently and Take Responsibility	1. Conducting a field related advanced work independently.				X X							1. Conducting studies at an advanced level in the field independently.	Competence to Work Independently and Take Responsibility	COMPETENCES
		2. Taking responsibility as an individual or a member of team in order to solve the unexpected problems encountered in field related applications.				X X	X X						2. Taking 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 the activities that are for the improvement of the team members working under his/her supervision.						X X					3. Planning and managing activities towards the development of subordinates in the framework of a project.		
		4. Playing a role in the decision process of encountered problems of different field areas.					X								
		5. Using the time efficiently in the deduction process by using analytical thinking ability.					X								

