

**NATIONAL QUALIFICATIONS FRAMEWORK FOR HIGHER EDUCATION IN TURKEY (NQF-HETR)**

	1	2	3	4	5	6	7	8	9	10
<b>KNOWLEDGE (Theoretical, Conceptual)</b>										
Has theoretical and applied knowledge in the fields of mathematics, computation and computer science.					•					
<b>SKILLS –Cognitive</b>										
Identifies, defines and models information and/or computer science problems; selects and applies appropriate analysis and modeling methods for this purpose.						•				
Designs, implements and evaluates interactive experimental environments in order to obtain definitions and initial solutions of informatics and/or computer science problems.					•					
Performs all stages of the life cycle in computer-based systems.										•
Selects and uses computational, mathematical and theoretical computer science knowledge, as well as information and communication technologies for solving information and/or computer science problems.									•	
<b>COMPETENCE TO WORK INDEPENDENTLY AND TAKE RESPONSIBILITY</b>										
Works effectively individually or in multi-disciplinary teams.		•								
<b>LEARNING COMPETENCE</b>										
Follows the current developments in informatics and / or computer sciences, information and communication technologies With the awareness of the necessity of continuous professional development.	•						•			•
<b>COMMUNICATION AND SOCIAL COMPETENCE</b>										
Communicates verbally and in writing, follows information in informatics and computer sciences and communicates with colleagues, using at least one foreign language at least at the European Language Portfolio B1 General Level.				•						
Has an awareness about the effects of IT applications on individual, corporate, social and universal dimensions and entrepreneurship and innovation issues.								•		
<b>FIELD SPECIFIC COMPETENCE</b>										
Has an awareness of professional and ethical responsibility and awareness of the legal consequences of IT applications.			•							