

KAYSERİ UNIVERSITY TOMARZA MUSTAFA AKINCIOĞLU VOCATIONAL SCHOOL
BUILDING INSPECTION PROGRAM

Basic Field Competencies (Architecture and Construction, Academic Focus)		1	2	3	4	5	6	7	8	9	10	Turkish Higher Education Qualifications Framework TYYÇ, Level 5 (Associate Degree Education)					
Knowledge	Theoretical - Conceptual	1- Possesses comprehensive, specialized, factual and conceptual knowledge in relevant fields based on the competencies gained in secondary education and defines the boundaries of this knowledge.	A	T	A	A				AT		AT	1- Possess theoretical and practical knowledge supported by textbooks with updated information, practice equipments and other resource on basic level based on qualifications gained at secondary education level.	Theoretical - Conceptual	Knowledge		
	- Cognitive - Practical	2- Possesses the logical, intuitive, creative and critical thinking skills and practical skills necessary to develop creative solutions to concrete and abstract problems. 3- Has oral and written expression skills, visual/graphic expression and modeling skills in conventional and digital environments.	T	AT	A	A	T					AT	1- Gain the skills to use basic level theoretical and practical knowledge acquired within the field in the same field of a higher education level or in a field of same level. 2- Interpret and evaluate data, define problems, do analysis, produce solutions based on proof with using basic level knowledge and practices gained within the field.	- Cognitive - Practical		Skills	
Competences	Ability to Work Independently and Take Responsibility	1- Acts independently and takes responsibility in working and learning environments, prepares and executes a project. 2- Demonstrates creativity while developing projects. 3- Takes responsibility as a team member to solve complex problems in learning environments. 4- Evaluates and improves his own success and that of others.	T	AT		T						AT	1- Conduct studies at basic level within the field independently. 2- Take responsibility as a team member in order to solve unexpected complex problems faced in the implementations within the field. 3- Conduct activities towards the development of subordinates within a project.	Competence to Work Independently and Take Responsibility	Competences		
	Learning Competence	1- Determines the learning needs necessary for further learning.	A	AT		A		T		AT		T	1- Evaluate the acquired knowledge and skills at basic level within the field with a critical approach, determine and respond to learning needs.	Learning Competence		Competences	
		2- Thinks critically and dialectically (able to produce dialectical, critical, counter-thesis and synthesis) on the nature of information, its technical infrastructure and social, cultural and ideological context and effects (has the learning skills necessary for decision-making and knowledge-based, responsible action, comprehends the options, discusses, synthesizes the available options, creates ideas.)	T				AT				A	T	T				2- Direct the education received to a higher education level in the same field or to an occupation in the same level.
		3- He is future-oriented, has the motivation and learning skills necessary for his personal and professional development, makes plans for this and implements them..										T					3- Gain awareness of lifelong learning
4- Acts with the awareness of lifelong learning.				A			A	A		A	A						

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Competence Social Competence	Communication	1- Presents his ideas, project and solution proposals to his peers, consultants and potential users/employers in a well-structured and consistent manner, basing them on quantitative and qualitative data.	A	A		A	A	T		A			1- Transfer the ideas based on the basic knowledge and skills acquired within the field through written and oral communication.	Communication and Social Competence		
		2- It expresses an internalized, personal, comprehensive world view.	T	T			A					T	2- Share the ideas and solution proposals to problems about issues within the field with professionals and non-professionals.			
		3- Follows the developments in the field and communicates with colleagues by using a foreign language at least at the European Language Portfolio A2 General Level; Uses language, symbols and texts interactively.														3- Monitor the developments in the field and communicate with peers by using a foreign language at least at a level of European Language Portfolio A2 General Level.
		4- Interactively uses the information and communication technologies required by the field, along with computer software at least at the Basic Level of the European Computer Usage License required by the field.														4- Use informatics and communication technologies with at least a minimum level of European Computer Driving License Basic Level software knowledge.
Competence Field Specific Competence	Field Specific Competence	1- Develops creative answers/solutions for abstract and concrete problems.	A	A		A	T	T	T				1- Possess social, scientific, cultural and ethic values on the stages of gathering, implementation and release of the results of data related to the field.	Field Specific Competence	Competence	
		2- Collects, evaluates and interprets data that will form the necessary basis for making decisions, taking into account possible social and ethical consequences in processes related to the field.	A				T	T	T				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- Makes judgments based on knowledge of relevant social, scientific and ethical problems.				A		A				A				

A: It is related to basic field proficiency.

T: It is related to TYYÇ.

A T: It is associated with both the Basic Area and TYYÇ.

1. With a sufficient background in basic mathematics, science, and fundamental technical subjects, the individual gains the ability to apply both theoretical and practical knowledge to solve problems in their professional field.
2. They develop the skill to identify, define, formulate, and solve problems related to civil engineering, while selecting and implementing appropriate methods and techniques for these purposes.
3. They acquire the competence to choose and use modern and technical tools necessary for construction practices, as well as effectively utilize information technologies and specialized software programs requiring specific expertise.
4. They gain the ability to conduct experiments on fundamental topics in their profession, analyze and interpret results, and draw conclusions.
5. They acquire the knowledge and skills to develop and implement projects in their field, along with the awareness to involve employees in the project under their responsibility, and the ability to plan and manage professional activities.
6. In their professional life, they fulfill the requirements of a learning philosophy with an awareness of professional and ethical responsibilities, while achieving a sufficient level of foreign language proficiency.
7. They gain sufficient knowledge of occupational safety, worker health, social security rights, quality control and management, and environmental protection.
8. They understand the importance of lifelong learning and research, and develop the ability to use various assessment and evaluation methods and techniques.
9. By keeping up with current developments in civil engineering, they gain the ability to make the best use of their time.
10. They are knowledgeable about construction management, site management, and similar application processes, and gain proficiency in their practical implementation.