

**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	11	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.	T	AT	AT	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		
		2-	Possesses the logical, intuitive, creative and critical thinking skills and practical skills necessary to develop creative solutions to concrete and abstract problems.	AT	T	AT	A	A						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.	- Cognitive - Practical	Skills	
Skills	- Cognitive - Practical	3-	Has oral and written expression skills, visual/graphic expression and modeling skills in conventional and digital environments.		T	T	A					T	T	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.				
		Competences	Ability to Work Independently and Take Responsibility	1-	Acts independently and takes responsibility in working and learning environments, prepares and executes a project.		T	AT		T					AT	1-	Conduct studies at basic level within the field independently.	Competence to Work Independently and Take Responsibility	Competences
2-	Demonstrates creativity while developing projects.			A				A	T					T	2-	Take responsibility as a team member in order to solve unexpected complex problems faced in the implementations within the field.			
3-	Takes responsibility as a team member to solve complex problems in learning environments.								AT	T				T	3-	Conduct activities towards the development of subordinates within a project.			
4-	Evaluates and improves his own success and that of others.					A			A										
Competences	Learning Competence	1-	Determines the learning needs necessary for further learning.	A	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.)	A	T				T				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..	AT										T				3-	Gain awareness of lifelong learning
		4-	Acts with the awareness of lifelong learning.	AT			A				A		A	A					

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Competence	Communicational Competence	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	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								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.	AT												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	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	
		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: 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.**

- P1 To be able to follow current developments and practices related to the profession by understanding the importance of lifelong learning and research, to have knowledge, to gain the awareness of continuous self-renewal, to plan their career and to have sufficient knowledge of a foreign language.
- P2 By having sufficient up-to-date background in basic mathematics and science and basic technical subjects, students gain the ability to use theoretical and practical knowledge in this field together for analytical solutions of problems in their professional fields and make mathematical calculations related to the field.
- P3 Gaining the ability to identify, define, formulate and solve the problems that are the subject of construction technician and the competence to select and apply methods and techniques suitable for this purpose
- P4 To gain the ability to select and use modern techniques and tools required in construction applications, and to gain the competence to effectively use information technologies and some professional package programs that require special expertise.
- P5 To gain the ability to conduct experiments on basic issues in the professional field, to perform measurement and control processes in manufacturing processes in projects, to analyze and interpret the results of the experiments.
- P6 To gain project execution competence by using the competence of planning and managing professional activities, prone to teamwork in the field, applying knowledge and skills to involve employees in the project.
- P7 Having professional, scientific and cultural ethical values in business life and being able to communicate effectively both written and verbally with a sense of responsibility.
- P8 To have sufficient knowledge about occupational health and safety, social security rights, quality processes, environment and ecosystem
- P9 Knows the legal regulations and explains the regulations related to building inspection, and also gains the competence to use sampling, measurement and evaluation methods and techniques in the field
- P10 Knowledge of making the best use of time
- P11 Knows the types of installations used in the building and shows their place in the project; It calculates quantity surveys, progress payments and approximate costs by accumulating construction site management and similar application components in the building.