

**KAYSERİ UNIVERSITY TOMARZA MUSTAFA AKINCIOĞLU VOCATIONAL SCHOOL**  
**ARCHITECTURAL RESTORATION 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.	A T	A T		A T					A T	A T		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.					A T	A T	A				A T				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.
Skills	-Cognitive -Practical	3- Has oral and written expression skills, visual/graphic expression and modeling skills in conventional and digital environments.			A		T	A	T	T		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.	-Cognitive -Practical	Skills	
		1- Acts independently and takes responsibility in working and learning environments, prepares and executes a project.					A T	A	A T	A T			A T				1- Conduct studies at basic level within the field independently.
Competences	Ability to Work Independently and Take Responsibility	2- Demonstrates creativity while developing projects.					T		A					2- Take responsibility as a team member in order to solve unexpected complex problems faced in the implementations within the field.	Competence to Work Independently and Take Responsibility	Competences	
		3- Takes responsibility as a team member to solve complex problems in learning environments.					A T							3- Conduct activities towards the development of subordinates within a project.			
		4- Evaluates and improves his own success and that of others.					A										
		1- Determines the learning needs necessary for further learning.	A T	A		A	T		T		A	A T	T				1- Evaluate the acquired knowledge and skills at basic level within the field with a critical approach, determine and respond to learning needs.
Competences	Learning Competence	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				A		A			A	A	2- Direct the education received to a higher education level in the same field or to an occupation in the same level.	Learning Competence	Competences	
		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..	A T														3- Gain awareness of lifelong learning
		4- Acts with the awareness of lifelong learning.	A														

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Competences	Communication and Social 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 T									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.			A 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.	A T													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.			A T			A T	A							4- Use informatics and communication technologies with at least a minimum level of European Computer Driving License Basic Level software knowledge.
Competences	Field Specific Competence	1- Develops creative answers/solutions for abstract and concrete problems.			T		A		A					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.		T	A									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: 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- By understanding the importance of lifelong learning and research, being able to follow current developments and practices related to the profession, being knowledgeable, gaining awareness of constantly renewing oneself, being able to plan your career and having sufficient knowledge of foreign languages.
- 2- Having sufficient knowledge and awareness about occupational safety, worker health, social security rights, quality control and management and environmental protection.
- 3- To be able to search and research archives in order to prepare professional projects and reports, to be able to read written documents written in Ottoman Turkish and inscriptions on historical buildings at a basic level, to interpret the data obtained by citing professional, scientific and cultural ethical values, by citing sources in the publication/announcement of the final products. Gaining the competence to prepare reports and presentations using basic Office programs and present them through written and verbal communication methods,
- 4- Knows the functions, forms, facades, interior features, construction systems/building technologies of traditional building types, explains the usage areas of building elements and materials, application techniques and gaining competence in applying relevant experiments.
- 5- Using the knowledge and skills acquired in the professional field, taking responsibility individually or as a team member, to identify problems in the work environment, interpret them with an analytical and critical approach, make mathematical calculations, develop solution suggestions, evaluate other projects and construction sites by interpreting them alone, and gain the ability to support the development of their subordinates.
- 6- Gaining the ability to use technical drawing or computer-aided drawing and modeling programs that will be used in the professional field and to prepare all kinds of drawings and projects related to the field.
- 7- In addition to traditional methods, by using modern tools, equipment, machinery and information technologies required for applications related to the field, determining the current state of the building or building elements and making their analysis, making surveys using photographs, evaluating the research results and blending them with creativity ability, restitution and restoration gaining competence in drawing projects,
- 8- To be able to identify the causes of deterioration in traditional buildings and to gain the competence to explain the repair and protection methods of portable and immovable objects.
- 9- Gaining competence in quantity surveying, surveying and progress payment preparation, by having sufficient theoretical and practical knowledge of national and international legal legislation, institutions responsible for the protection and restoration of historical buildings, tenders and technical specifications, in studies related to the profession,
- 10- To know architecture, art, urban and civilization history and mythological subjects, to use this information correctly in applications and to gain the competence to interpret it,
- 11- Identify the forms and techniques of decorations made with various materials in traditional buildings and gain the ability to draw the decorations by interpreting their symbolic meanings,