

<b>1. Title of the certificate <sup>(1)</sup></b>
Endüstriyel Otomasyon Teknolojileri Alanı Mekatronik Dalı
<sup>(1)</sup> In the original language

<b>2. Translated title of the certificate <sup>(1)</sup></b>
Industrial Automation Technologies Field Mechatronics Branch
<sup>(1)</sup> If applicable. This translation has no legal status.

<b>3. Profile of skills and competences</b>
The holder of this certificate; <ul style="list-style-type: none"><li>• Makes basic mechanic design.</li><li>• Installs basic electronic circuits.</li><li>• Makes computerized modelling.</li><li>• Uses microcontroller softwares.</li><li>• Performs PLC programing.</li><li>• Performs circuit analysis.</li><li>• Assembles pneumatic and hydraulic systems.</li><li>• Performs mechanism design and analysis.</li><li>• Performs computerised control.</li><li>• Installs factory automation systems and uses softwares.</li><li>• Uses CNC workbench.</li><li>• Designs scada system.</li></ul>

<b>4. Range of occupations accessible to the holder of the certificate <sup>(1)</sup></b>
Mechatronics Technician
<sup>(1)</sup> If applicable

**<sup>(\*)</sup> Explanatory note**

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

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5. Official basis of the certificate	
<b>Name and status of the body awarding the certificate</b> Related secondary education institutions realising formal vocational and technical education which is subordinated to Ministry of National Education	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> Ministry of National Education
<b>Level of the certificate (national or international)</b> Level 4 occupation according to EQF. Level 4 occupation according to TQF. It complies with ISCED 3.	<b>Grading scale / Pass requirements</b> 100-85 score = 5 = Excellent 84-70 score = 4 = Good 69-55 score = 3 = Average 54-45 score = 2 = Passing 44-25 score = 1 = Fails 24-0 score = 0 = Ineffective
<b>Access to next level of education/training</b> The holder of this diploma can switch to higher education programs in line with related legislation.	<b>International agreements</b>
<b>Legal basis</b> National Education Basic Law No. 1739 Vocational Education Law No. 3308 Regulation on Vocational and Technical Education	

6. Officially recognised ways of acquiring the certificate								
1. Completing vocational high school, Anatolian vocational high school, technical high school, Anatolian technical high school program providing four-year education successfully. 2. Successfully completing education program related to his/her field on vocational open education high school								
Vocational education takes 3 years after 9th grade of formal education and the percentage and duration of theoretical and applied education within the program are indicated below. Vocational education is provided both theoretical and applied. The duration of foreign language education is longer at Anatolian vocational and Anatolian technical high school.								
Description of vocational education and training received	Percentage of total programme (%)				Duration (hours/weeks/months/years)			
	Vocational High School	Anatolian Vocational High School	Technical High School	Anatolian Technical High School	Vocational High School	Anatolian Vocational High School	Technical High School	Anatolian Technical High School
School-/training centre-based	64	64	87	84	1512	1512	1944	1620
Workplace-based	36	36	13	16	864	864	300	300
<b>Total duration of the education/ training leading to the certificate</b>					2376	2376	2244	1920

**Entry requirements**

1. For formal vocational education, completing lower secondary school and not exceeding age limit according to related legislation
2. For vocational open education highschool, completing lower secondary school
3. Achieving year-end success average in line with related legislation after 9th grade which is common for technical high school.
4. Achieving entrance exam for secondary education institutions for entering Anatolian vocational and Anatolian technical high school.

**Additional information**

This EUROPASS Certificate Supplement is prepared for graduates of 2010-2011.

**More information (including a description of the national qualifications system) available at:**

[www.myk.gov.tr](http://www.myk.gov.tr)

[www.tyc.gov.tr](http://www.tyc.gov.tr)

**Europass**

<https://www.europass.gov.tr/>

<https://europass.cedefop.europa.eu/>

**National Reference Point**

<http://urn.meb.gov.tr>