

1. Title of the certificate ⁽¹⁾

Biyomedikal Cihaz Teknolojileri Alanı
Tıbbi Laboratuvar ve Hasta Dışı Uygulama Cihazları Dalı

⁽¹⁾ In the original language

2. Translated title of the certificate ⁽¹⁾

Biomedical Device Technologies Field
Medical Laboratory and In Vitro Application Devices Branch

⁽¹⁾ If applicable. This translation has no legal status.

3. Profile of skills and competences

The holder of this certificate;

- Performs basic measurement, electronic circuit applications and simulations related to biomedical systems. Performs basic electrical-electromechanical applications.
- Draws electrical, electronic, hydraulic and pneumatic circuit diagrams and hospital construction project.
- Communicates using medical and technical terminology.
- Performs basic applications of signal processing units used in biomedical systems.
- Performs basic applications for the analysis of appropriate biomedical systems.
- Performs application with microcontroller circuit elements.
- Performs the installing, maintaining, fault detection and repair of analyzer devices in the medical laboratory.
- Performs the installing, maintaining, fault detection and repair of sterilization devices.
- Performs the installation, maintenance, fault detection and repair of blood devices in the medical laboratory.
- Performs the installation, maintenance, fault detection and repair of laboratory support devices.
- Performs the installation, maintenance, fault detection and repair of mixer and separator devices.

4. Range of occupations accessible to the holder of the certificate ⁽¹⁾

Can work at public-private health institutions/organizations on field related Production, Installation and Maintenance-Repair Services as Medical Laboratory and In Vitro Application Devices Technical Service Personnel.

⁽¹⁾ If applicable

^(*) 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.

© European Union, 2002-2014 | <http://europass.cedefop.europa.eu>

5. Official basis of the certificate													
Name and status of the body awarding the certificate Related secondary education institutions realising formal vocational and technical education which is subordinated to Ministry of National Education	Name and status of the national/regional authority providing accreditation/recognition of the certificate Ministry of National Education												
Level of the certificate (national or international) Level 4 occupation according to EQF. Level 4 occupation according to TQF. It complies with ISCED 3. ISCED-F CODE: 0714	Grading scale / Pass requirements <table> <tr> <td><u>Score</u></td> <td><u>Grade</u></td> </tr> <tr> <td>85.00-100</td> <td>Excellent</td> </tr> <tr> <td>70.00-84.99</td> <td>Good</td> </tr> <tr> <td>60.00-69.99</td> <td>Average</td> </tr> <tr> <td>50.00-59.99</td> <td>Passing</td> </tr> <tr> <td>0-49.99</td> <td>Fails</td> </tr> </table>	<u>Score</u>	<u>Grade</u>	85.00-100	Excellent	70.00-84.99	Good	60.00-69.99	Average	50.00-59.99	Passing	0-49.99	Fails
<u>Score</u>	<u>Grade</u>												
85.00-100	Excellent												
70.00-84.99	Good												
60.00-69.99	Average												
50.00-59.99	Passing												
0-49.99	Fails												
Access to next level of education/training The holder of this diploma can switch to higher education programs in line with related legislation.	International agreements												
Legal basis National Education Basic Law No. 1739 Vocational Education Law No. 3308 Regulation on Ministry of National Education Secondary Education Institutions													

6. Officially recognised ways of acquiring the certificate						
1. Completing vocational and technical Anatolian High School, Anatolian vocational or Anatolian technical program providing four-year education						
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.						
Description of vocational education and training received	Percentage of total programme (%)			Duration (hours/weeks/months/years)		
	Anatolian Vocaional Program	Anatolian Technical Program	Vocational Training Center	Anatolian Vocaional Program	Anatolian Technical Program	Vocational Training Center
School-/training centre-based	80	93	-	86	108	-
Workplace-based	20	7	-	22	8	-
Total duration of the education/ training leading to the certificate				108	116	-

Europass

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

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

National Reference Point

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