

1. Title of the certificate ⁽¹⁾
Denizcilik Alanı
Gemi Elektroniği ve Haberleşme Dalı
⁽¹⁾ In the original language

2. Translated title of the certificate ⁽¹⁾
Maritime Field
Vessel Electronic and Communication Branch
⁽¹⁾ If applicable. This translation has no legal status.

3. Profile of skills and competences
<p>The holder of this certificate;</p> <ul style="list-style-type: none"> • Conducts oceanographic measurements, ship structure, sailor ties, basic navigation, basic ship electrical-electronics, basic technical drawings and ship machinery. • Conducts fire prevention and fire fighting, providing basic first aid at sea, providing personnel safety and social responsibility, personal life saving at sea, using lifesaving vehicles and safety awareness procedures foreseen by the international STCW agreement for all seafarers. • Swims in different water environments (sea, pool, lake, etc.) with appropriate swimming techniques. • Uses the necessary oscillator circuits that produce the electrical signals that form the basis of analog communication, the frequency and amplitude modulated receiver, transmitter circuits and the antenna coupling circuits of these circuits and makes data communication. • Performs maintenance, installation, fault detection and repair of communication devices used in routine and emergency communication in marine vehicles. • Performs speed controls of step and asynchronous motors with electronic circuit, microcontrollers or various connection methods using electronic circuit elements and weak current electrical wiring diagrams • Maintains and operates automatic control systems on ships. • Performs hazard, safety, haste and routine communication with the communication devices in the GMDSS (Global Maritime Hazard and Safety System) station in marine vehicles. • Applies the concepts and principles that form the basis of ship electronics and circuit applications that form the basis of communication techniques by taking occupational health and safety measures. • Performs installation, maintenance, fault detection and repair of electronic devices used as navigational and navigational assistants in marine vehicles. • Expresses terms ship structure, maritime law, maritime management, deck, maneuver, ship machinery, ship electronics and communication used in maritime affairs and SMCP patterns in written and oral form in English.

4. Range of occupations accessible to the holder of the certificate ⁽¹⁾
Can work as Radio Electronic Operator (Reo) Officer, Vessel Electric-Electronic Technician, Technician at Vessel Electronic and Communication Marine Service Stations.
⁽¹⁾ If applicable

<p>^(*) Explanatory note</p> <p>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.</p> <p>© European Union, 2002-2014 http://europass.cedefop.europa.eu</p>
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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
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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 International Maritime Standards of Training Certification and Watchkeeping (STCW) Training Certification Instruction													

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	-

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 Anatolian technical program
4. Achieving entrance exam for secondary education institutions for entering vocational and technical Anatolian High School, Anatolian vocational or Anatolian technical program

Additional information

This EUROPASS Certificate Supplement is prepared for graduates of 2021-2023.

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

www.myk.gov.tr

www.tyc.gov.tr

Europass

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

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

National Reference Point

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