

## 1. Title of the certificate (HR) and programme number

**Prehrambeni tehničar**

(090504)

## 2. Translated title of the certificate (EN) <sup>(1)</sup>

**Food Technician**

<sup>(1)</sup> This translation has no legal status.

## 3. Profile of skills and competences

### A) GENERAL EDUCATION COMPETENCES

- Use basic communication knowledge and skills through active use of mother tongue and foreign languages in different situations
- Apply basic mathematical knowledge, skills and processes
- Manage space and apply basic physical, chemical and biological knowledge within the framework of sustainable community development
- Use information and communication technology actively and critically
- Apply ethical principles and respect diversity
- Understand economic systems and apply entrepreneurial competences
- Continuously acquire knowledge and skills in line with technological changes
- Foster physical and health culture and act responsibly towards one's own and other people's health

### B) VOCATIONAL COMPETENCES

- Analyse and plan production resources, availability of funding sources, short and long term planning of production in accordance with market requirements and legislative framework
- Determine the status and priorities, critical points of the production process in food production
- Prepare and control working machines, equipment and tools for the implementation of production processes in food production
- Perform sensory physical, chemical and microbiological laboratory procedures and analysis of raw materials, semi-finished products and finished products
- Apply chemical principles, laws and methods in technology, food control, nutrition and metabolic processes
- Monitor, supervise, control and implement certain technological operations in the food industry
- Perform technological processes and processes in food technology
- Apply laws and quality standards in food production and transport
- Use basic ICT technology in manufacturing processes in the manufacturing and processing of raw materials, semi-finished products and finished products
- Keep records of business activities, material and basic bookkeeping
- Participate in marketing, communication and entrepreneurial activities in business
- Perform assignments in accordance with valid standards in the concerned food technologies
- Implement health protection measures at the workplace and ensure environment protection

## 4. Range of occupations accessible to the holder of the certificate

Works in public institutions (e.g. as a technical associate, teaching associate, laboratory technician), shops (e.g. specialized shops/ department stores for food products), industry and trade in manufacturing, processing, packaging and placement of food products and in the catering industry.  
Self-employment is possible by setting up a company.

5. Official basis of the certificate	
<b>Name and status of the body awarding the certificate</b>  The certificate is issued by the secondary education institution (vocational education and training school).	<b>Name and status of the national authority providing accreditation/recognition of the certificate</b>  Ministry of Science and Education Donje Svetice 38 10 000 Zagreb <a href="http://www.mzo.hr">www.mzo.hr</a>
<b>Legal basis</b>  Primary and Secondary School Education Act (Official Gazette No. 87/2008, 86/2009, 92/2010, 105/2010-corr., 90/2011, 16/2012, 86/2012, 94/2013, 152/2014, 7/2017 and 68/2018) Vocational Education Act (Official Gazette No. 30/2009, 24/2010, 22/2013 and 25/2018) Croatian Qualifications Framework Act (Official Gazette No. 22/2013, 41/2016 and 64/2018)	<b>National grading system / Pass requirements</b>  Excellent 5 (10) A Very good 4 (9) B Good 3 (8) B Sufficient 2 (6-7) C Insufficient 1 (0-5) F In order to pass the exam, it is necessary to get the grade 2 (6-7), i.e. C (sufficient).
<b>Level of qualifications</b>  Level 4.2. in the Croatian Qualifications Framework	<b>Access to next level of education/training</b>  Access to higher level of qualification in accordance with the Croatian Qualifications Framework.

6. General data of acquiring the certificate		
	Percentage of total programme (%)	Total number of hours
General education part	54,4 %	2 204
Vocational part – theoretical	23,8 %	965
Vocational part – practice/exercises	21.8 %	883
<b>Duration of education</b>		4 years
<b>Entry requirements:</b> The completion of primary education  <b>More information available at:</b> Ministry of Science and Education ( <a href="http://www.mzo.hr">www.mzo.hr</a> ) Education and Teacher Training Agency ( <a href="http://www.azoo.hr">www.azoo.hr</a> ) Agency for Vocational Education and Adult Education ( <a href="http://www.asoo.hr">www.asoo.hr</a> )  National Europass Centre in Croatia ( <a href="http://www.europass.hr">www.europass.hr</a> ) at the Agency for Mobility and EU Programmes ( <a href="http://www.mobilnost.hr">www.mobilnost.hr</a> ).  <b>(*) Explanatory note</b> This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. It provides additional information on the profile of skills and competences acquired by a particular educational programme. The description of skills and competences 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   <a href="http://www.europass.cedefop.europa.eu">www.europass.cedefop.europa.eu</a>		
		