SLOVENSKO
OGRODJE
KVALIFIKACIJ

Hortikulturni tehnik/hortikulturna tehnica

Selected qualifications

Name of qualification	Hortikulturni tehnik/hortikulturna tehnica
Translated title (no legal status)	Horticultural technician
Type of qualification	Srednja strokovna izobrazba
Category of qualification	Izobrazba
Type of education	Upper vocational-technical education
Duration	4 years
Credits	240 credits
Admission requirements	• Elementary school education or • lower vocational education
ISCED field	Field Kmetijstvo, gozdarstvo, ribištvo in veterinarstvo

ISCED subfield

subfield hortikultura

Qualification level

SQF 5
EQF 4

Learning outcomes

Certificate holders will be able to:

- plan business operations in horticultural production, observing the principles of sustainable development,
- make a simple business plan for a horticulture enterprise and make calculations,
- establish the conditions for producing vegetables, ornamental herbaceous plants and trees and for their propagation and care,
- safely handle harmful and hazardous materials and horticultural waste,
- use modern marketing approaches and market horticultural products and services,
- preserve natural assets and cultural heritage,
- protect and rationally use natural energy sources and raw materials,
- perform work independently, accurately and responsibly,
- cooperate in a group and communicate in writing and orally with co-workers, experts and clients, using the basic professional terminology in the field of horticulture,
- communicate with co-workers, clients and others in organising work, carrying out specific tasks and solving problems,
- use modern information and communication technology to communicate and to plan and organise cost-effective work and work procedures in the professional field,
- produce, tend and protect ornamental herbaceous plants and trees outdoors and in a protected space, observing the principles of health and environmental protection, and be familiar with their application,
- prepare the ground, set up constructed elements, and plant, tend and maintain green areas,
- apply basic knowledge of logistics in planning and implementing the flow of materials, services, information and finances from supplier to consumer in horticulture,
- recognise the causes of signs of disease and damage on ornamental herbaceous plants, vegetables, trees, fruit trees and berries in order to select appropriate measures and provide protection,
- formulate simple concepts, sketches, spatial drawings and plans of horticultural elements in the space,
- market and promote Slovene products and services,

Elective:

- design and arrangement of the environment with plants,
- design of residential and commercial premises with flowers,
- design and arrangement of the natural, cultural and urban landscape,
- implementation of technological procedures for production of vegetables, herbs and fruit trees.

Certificate holders supplement their key vocational knowledge and abilities with key general knowledge in line with national standards.

Assessment and completion

Students' vocational abilities and skills and the fulfilment of conditions to obtain credits in accordance with the relevant education programme are established through verification and assessment. Assessment of students also takes into account non-formally acquired knowledge, which must be adequately demonstrated. Students are assessed using grade from 5 (excellent) to 1 (inadequate).

Progression

Students may progress to the next year if at the end of the academic year they pass all general education subjects and relevant vocational modules set out in the school’s operational curriculum and have completed all extracurricular activities and work placement requirements, or progress on the basis of a decision of the programme teaching staff.

Transitions

Matura/vocational course, higher vocational education (SQF level 6), professional higher education (SQF level 7) and academic higher education (SQF level 7).

Condition for obtaining certificate

Students must successfully (i.e. with passing grades) complete all general education subjects, compulsory vocational modules, one elective vocational module and the open part of the curriculum. They must also complete extracurricular activities and company work placement requirements and pass the vocational matura examination.

A vocational matura comprises a compulsory section (written and oral examination in Slovene and horticulture) and an elective section (written and oral foreign language or mathematics examination, and product/service and an oral presentation).

Awarding body

Vocational and technical secondary schools and adult education institutions.

URL

https://paka3.mss.edus.si/registriweb/ProgramPodatki.aspx?ProgramID=5416