

WP2: Qualification matrix

EQF3- L | Landscaping

Descriptors on level 3:

K: knowledge of facts, principles, processes and general concepts, in a field of work or study

S: A range of cognitive and practical skills required to accomplish tasks and solve problems by selecting and applying basic methods, tools, materials and information

R/A: Take responsibility for completion of tasks in work or study; adapt own behaviour to circumstances in solving problems

Unit	Unit title	
0	Key competences and basic skills	R
0.A	Adaptability <i>is about intrapreneurship, innovation, communication, analysing, critical thinking, cooperation etc.</i> - can investigate, learn, explore and innovate - thinks and analyses critically and solves issues - knows the value of other ideas, concerns and motives	EQF3-F EQF3-G
0.C	Creativity <i>is about problem solving, idea development, innovation etc.</i> - has an open and curious mindset in order to develop new ideas - puts new ideas into action to solve issues/problems	EQF3-F EQF3-G
0.S	Sustainability <i>is about pollution, waste, water, energy</i> - knows the basics of ecological processes in natural systems - plans and carries out work tasks in an environmentally sustainable way - adjusts working processes within a set of guidelines, in order to maintain sustainability in a changing environment - assesses the environmental impact of a work process	EQF3-F EQF3-G
0.T	Technology <i>is about basic digital tools (ITC, mobile phone, photo)</i> - carries out work tasks using digital tools	EQF3-F EQF3-G

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	<ul style="list-style-type: none"> - knows relevant equipment and machinery - knows basic legislation concerning reproduction of digital resources for private and commercial purpose - understands the risks of web-based communication i.e. virus, malware - evaluates web pages for relevance and reliability of content - participates in evaluating the use of technology in a work task 				
1	Sector core competence	Knowledge	Skills	Responsibility and autonomy	R
1.1	Production (sector related) <i>is about workplace, tools, working procedures, botany (plant classification, botanical names, growing conditions)</i>	<ul style="list-style-type: none"> - knows workplace organization and effective work processes - knows most common tools, materials and techniques - knows basic botanical principles - knows the quality characteristics of flowers and plants - knows basic plant protection 	<ul style="list-style-type: none"> - organises their own workplace according to ergonomic and effective aspects - names plants and their parts, recognizes different soils - carries out fertilisation procedures 	<ul style="list-style-type: none"> - reacts to new requirements and changes processes accordingly - determines general care requirements from the external appearance of a plant - improves growing conditions - works with some autonomy 	EQF3-G
1.2	Product development (sector related) <i>is about supply, partners/network, marketing, develop products (mapping</i>	<ul style="list-style-type: none"> - knows sources of supply and partners in the industry 	<ul style="list-style-type: none"> - assists with collaboration between different partners to build networks and develop markets 	<ul style="list-style-type: none"> - monitors the market, draws conclusions and responds to trends under instruction 	

	<i>needs, plan, work in a creative process, creative tools...)</i>	- knows marketing opportunities			
1.3	Communication and company (sector related) <i>is about start-up/entrepreneurship, marketing, law and regulations, communicate with customers verbal and visual, sales and services</i>	- knows basic start-up requirements and regulations for companies - knows marketing measures - knows legal guidelines - knows business models, relevant laws and authorities - knows the applicable insurance companies	- implements legal and tax requirements when establishing and running a company	- trains themselves to implement new guidelines with some autonomy	EQF3-G
1.4	Health and Safety (sector related) <i>is about health precautions, safe working methods, cleanliness/hygiene, equipment, pesticides, poisonous and allergenic plants, working environment</i>	- knows health and safety regulations for basic work processes in the industry - knows basic requirements for health and safety clothing in the industry - knows basic risk management procedures for handling common toxic or allergenic plants	- plans and performs work tasks and activities in accordance with health and safety regulations - uses correct working techniques and protection - performs work in an ergonomically correct manner - works within the framework of legislation dealing with pesticides and plant material treated with pesticides - assists handling toxic or allergenic plants	- chooses equipment and protective clothing that is adapted to the weather and climate conditions and the task at hand - takes responsibility for the health and safety of a work process	EQF3-G EQF3-F

			<ul style="list-style-type: none"> - provides fire protection and firefighting measures - provides first aid 		
1.S	<p>Sustainability (sector related) <i>is about sustainable use of resources, ecological footprint, fair trade, protection of the environment and species, UNs Sustainable Development Goals, knowledge of green supply chains, cradle-to-cradle thinking, circular-economy principles</i></p>	<ul style="list-style-type: none"> - knows concepts of ecology and explains the cycles of nature - knows the basic principles of ecological footprints generated by company activities - knows the links between environmental, economic and social sustainability 	<ul style="list-style-type: none"> - suggests ways to reuse and recycle material - suggests ways to minimize waste - applies principles of sustainability to make work tasks more environmentally friendly 	<ul style="list-style-type: none"> - contributes to the creation of activities in the business field - updates themselves on ecological, social and economic knowledge connected to the business field - learns independently 	EQF3-G
1.T	<p>Technology (sector related) <i>is about machinery, equipment, instruments, digital tools (for payment, communication, in the production), technological tools (VR, AR aso.)</i></p>	<ul style="list-style-type: none"> - knows the most common machines, tools, equipment and instruments used in the company - knows a range of relevant digital tools for the company 	<ul style="list-style-type: none"> - performs simple tool maintenance - follows consumer manuals for instruments and digital devices - chooses the right tool for a task - uses basic digital tools for communication, calculation and information gathering - applies basic digital tools in planning, implementation and documentation 	<ul style="list-style-type: none"> - takes responsibility for the use and maintenance of buildings and equipment - participates in assessing the use of technology - carries out work tasks involving relevant digital tools with some autonomy 	EQF3-G

2	Occupational core competence	Knowledge	Skills	Responsibility and autonomy	R
2.1	Landscaping production and service <i>is about plant production in different growing systems; plant life processes and growth conditions, plant protection, growth media, growth regulation, optimizing yield, buildings, technical installations, machinery and equipment, plant identification and classification, use of plants, growth requirements, quality parameters, plant maintenance - indoor and outdoor, storage, packaging, transport</i>	<ul style="list-style-type: none"> - knows relevant tools, machines, and materials used in installations and in operating and maintenance of landscaping elements - assesses the suitability of different soil types for planting - implements soil improvement procedures - knows the influence of climate on the construction of different types of new installations - knows how quality in installation influences the need for maintenance during operation 	<ul style="list-style-type: none"> - chooses appropriate tools, machines, equipment and chemicals in operating and maintenance tasks - prepares simple maintenance plans - uses tools for land surveyance and draws sketches to scale - undertakes relevant installations and constructions in accordance with current standards and principles of universal accessibility - performs maintenance of plant materials and plantations in parks and gardens, recreational areas and in natural and cultivated landscapes - performs maintenance of solid and loose covers - repairs and maintains different types of surface 	<ul style="list-style-type: none"> - plans and undertakes tasks in new installations and in maintenance in landscaping - follows a maintenance plan for different types of constructions, plantations and installations 	

			- implements and evaluates measures to counteract erosion		
2.2	Landscaper product development <i>is about develop products and concepts, work in a creative process in gardening, visualize/draw, use creative tools, tools and techniques in gardening, presentation, make model/prototype, calculate</i>	<ul style="list-style-type: none"> - knows methods and principles of product development - knows different nature types and assesses opportunities for business operations based on local natural resources 	<ul style="list-style-type: none"> - suggests new products and services based on local natural needs and resources - assesses opportunities for starting up new commercial activities 	- carries out product development and service delivery in landscaping activities, with some autonomy	
2.3	Communication and company <i>is about retail, framework conditions in the gardening sector, documentation, laws and regulations, norms of business, entrepreneurship, sales and services in landscaping, economics and management, marketing (web, social medias...)</i>	<ul style="list-style-type: none"> - knows the organisation of a company by type of enterprise and organizational chart. - Knows basic legislation, standards, and agreements in force in the landscaping sector 	<ul style="list-style-type: none"> - plans and performs work in landscaping, - stays within budget and utilizes resources well - works within legislation 	<ul style="list-style-type: none"> - follows standards relevant to a business in a landscaping enterprise - contributes to the cost efficiency of a landscaping business - documents and evaluates own work in a landscaping business 	
2.S	Sustainability <i>is about waste prevention, reduce wastage, sustainable methods (re-use, recycle) and</i>	- knows basic principles of how material choice and maintenance methods influence living conditions	- chooses eco-friendly materials and methods in construction and maintenance	- assists with improving the sustainability outputs of a project in landscaping	

	<p><i>techniques, environmentally friendly materials and techniques, managing stock, using local products</i></p>	<p>for flora, fauna, and environment in a general sense</p>		<p>- assists with improving the sustainability practices of a landscaping enterprise by considering the value of water, biodiversity etc</p>	
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