

Green qualification descriptions per country

Annex to:

Report on Existing green sector qualifications and training curricula in partner countries with template for three-dimensional structuring

(European Green Mastery deliverable WP-1)
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Country:

- [Austria](#)
- [Estonia](#)
- [Finland](#)
- [Germany](#)
- [The Netherlands](#)
- [Norway](#)
- [Spain](#)

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Austria:

Existing qualifications and/or training curricula			
Occupation:	Floristry	Horticulture / production	Landscaping
EQF level:			
2		<p>Gartenhilfskraft (m/w) (Garden Assistant) (Anlern- und Hilfsberuf; semiskilled and unskilled occupation) Authority: This is not an official qualification; it is an occupation that is learned on the job and low-skilled.</p> <p>Short description of content: Gardening aides do supportive and simple activities in the areas of gardening and maintenance of gardens and park areas. Activities</p>	

		encompass weeding weeds, watering bushes and flowers, cutting hedges or providing soil preparation (Source: BIS).	
3			
4	FloristIn (Florist) Apprenticeship trade Authority: chamber of commerce Key learning outcomes: Knowledge of the market position and the clientele of the teaching company. Key competences: developing solution strategies, obtaining information independently, selecting and structuring, social competence: e.g. working in teams, leading employees, personal competence: e.g. self-confidence and self-confidence, readiness for further education, articulating needs and interests etc. Communicative competence: communicate with target groups, e.g. with customers, supervisors, colleagues and other groups of people; Master English at the industry and company level to take part in daily and expert discussions. Working principles: e.g. care, reliability, sense of responsibility, punctuality. Customer orientation.	Abschlussprüfung an der Landwirtschaftlichen Fachschule in der Fachrichtung Obstbau und/oder Obstbau und Obstverwertung (Final examination at the Agricultural College in the field of fruit and / or fruit and fruit utilization) (BMS) Offices of the following Provincial Governments: OÖ, BGLD, NÖ, STMK, SBG, KTN, VBG, T Key learning outcomes: In practical lessons, in cross-subject teaching projects, in the context of the final work as well as in the context of the mandatory internship and the operational practice, graduates acquire a number of cognitive and above all practical skills: The graduates of the three-year agricultural colleges specializing in horticulture have due to the very practice-oriented and cross-subject training (depending on field) on a well-founded education and advanced practical and theoretical knowledge and skills that enable	Gärtnerfacharbeiterprüfung durch die Land- und forstwirtschaftliche Lehrlings- und Fachausbildungsstelle (Gardener examination by the agricultural and forestry apprenticeship and specialist training center) (BMS) Authority: agricultural vocational school Key learning outcomes: Selectable production focus: <ul style="list-style-type: none"> - ornamental plants - vegetable growing - Nursery with perennial knowledge Selectable service focus: <ul style="list-style-type: none"> - Gardening and landscaping - Flower Bindery (Floristry) Necessary learning content: e.g. Horticulture skilled worker training plan NÖ: www.lehrlingsstelle.at (Source: Gartenbauschule)

<p>Ergonomic design of the workplace, handling and maintenance of the tools, machinery, equipment, fixtures and work tools to be used, knowledge of the materials and supplies, their properties and their uses and processing options. Knowledge of common flowers and plants, their botanical names, their living conditions and life functions and their care. Knowledge of the ecological relationships in nature (protection of species, plant families, natural care), soil-less crops (hydroponics), relevant diseases and pests and their control, taking into account ecological requirements, including integrated pest management and taking into account environmental requirements including integrated pest management. Arranging, treating, caring (watering, fertilizing) and storing the flowers and plants and the plant accessories to be used (dry goods, mosses, fruits, cut green, twigs, cones). Knowledge about the flower and plant transport. Basic knowledge of designing and designing and knowledge of style, taste and the harmony of plants, shapes and colors. Knowledge of the use of design elements as well as design rules. Selecting plants, flowers, plant accessories</p>	<p>them to operate an agricultural nursery operation under consideration of ecological and economic aspects and to lead such a profession or to exercise this profession independently with high personal responsibility. Furthermore, they have the ability to work as employees or self-employed in professions of many areas of business (floristry, garden landscaping, tree nurseries, etc.) or attend (...) a master class (master craftsmen training) (Source: NQR)</p>	
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<p>and design elements according to the purpose. Knowledge of manufacturing techniques such as wires, supports, padding, unwinding, binding, sticking, stapling, garnishing, designing bouquets and arrangements according to the occasion. Making wreaths and garlands, arranging plants in containers (vases, bowls, baskets and planters), making wedding (in particular bridal bouquets) and funeral floristry. Conducting sales talks as well as advising and informing customers about properties, site requirements, care measures of plants and flowers as well as floral design options (source: RIS)</p>		
<p>Gartencenterkaufmann/-frau (Garden center retail trader) Apprenticeship trade (3 years)</p> <p>Authority: chamber of commerce</p> <p>Short description of content: Garden center retail traders are responsible for the sale, proper storage and purchase of garden plants (e.g., trees, shrubs, perennials, flowers, vegetables), seeds and fertilizers, gardening tools (from gardening tools to small tractors) and ornaments. They advise customers on the choice of</p>	<p>Abschlussprüfung an der Landwirtschaftlichen Fachschule in der Fachrichtungen Weinbau und/oder Weinbau und Kellerwirtschaft (Final examination at the Agricultural College in the fields of viticulture and / or viticulture and cellar) (BMS) Authorities: Offices of the following Provincial Governments: OÖ, BGLD, NÖ, STMK, SBG, KTN, VBG, T</p> <p>Key learning outcomes: The graduates of the three-year agricultural colleges specializing in viticulture have due</p>	<p>Garten- und Grünflächengestaltung – Greenkeeping (Garden and green space design – Greenkeeping) Apprenticeship trade (3 years) Authority: chamber of commerce</p> <p>Main activities: Design and maintain green areas on golf courses and sports facilities Plan golf courses while observing the golf rules. Grow and care for the lawn Plant and care for shrubs, trees and other plants. Create artificial ponds and lakes.</p>

<p>products and inform about plant care and properties (Source: BIS).</p> <p>Key learning outcomes: Knowledge about the economic position of the company, industry position and the product range, the location influences, the customer base with their shopping habits. Knowledge about occupational safety and accident prevention. Knowledge and functional application of company facilities and technical equipment and aids. Basic knowledge of employment regulations requiring notice. Basic knowledge of computer-assisted recording, control and monitoring of the movement of goods. Office organization, relevant correspondence work with orders, deliveries, working forms and inbox, outbox, filing, forms, evidence and filing. Knowledge about the acquisition, input and evaluation of data. Basic knowledge of operational risks and their insurance possibilities as well as damage reports. Management of goods, storage and procurement of goods in the garden center area. Treat, care for and store the flowers and plants. Knowledge and participation in environmentally sound waste treatment</p>	<p>to the very practice-oriented and cross-subject training (depending on field) on a sound general education and advanced practical and theoretical knowledge and skills that enable them to independently run a wine-growing business, taking into account ecological and economic aspects and / or to run this profession independently with high personal responsibility in such an enterprise. Furthermore, they have the ability to work as employees or self-employed in professions of many areas of business (wine cellars, wine trade, etc.) or attend a master class (master craftsman training) (Source: NQR)</p>	<p>Key learning outcomes: The graduates of the three-year apprenticeship are able to handle and maintain the tools, machines, devices and work tools to be used. Knowledge of the materials and supplies, their properties and their uses and processing knowledge of the commercial plants (perennials, woody plants, etc.), their botanical names, their living conditions and life functions, their care and use, especially taking into account the local vegetation knowledge of the ecological context in nature (Species protection, plant families, natural care, biotopes, semi-natural plants). Knowledge and recognition of relevant diseases and pests. Knowledge about their control under consideration of environmental requirements, including integrated pest management. Basic knowledge of the propagation and culture of plants (perennials, woody plants). Knowledge of plant protection and fertilizer regulations, manual and mechanical tillage, turf, laying turf, lawn care, basic knowledge of sports field construction, construction of the base courses, knowledge of the creation of streams and ponds. Basic knowledge of</p>
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	<p>(prevention, separation, recycling). Knowledge of the company's product range - especially of the plant assortment. Knowledge of commercial and industry-standard product descriptions and technical terms, customary commercial and industry-standard dimensions, units of measure and packaging units. Knowledge of common flowers and plants, their living conditions and life functions. Knowledge about plant protection, fertilization and irrigation. (Source: RIS; Lehrberufsverordnung)</p>		<p>object greening. Specializing in the field of greenery: Lawn care in the golf course. Basic knowledge of golf and knowledge of relevant rules of golf (also in English). Making of ketches and plans for the golf course maintenance and design. Knowledge of the special recommendations for the construction of golf courses. Knowledge of the correlations of space load, play operation, soil condition and weather. Knowledge of technical and ecological significance. Individual pieces of space. Knowledge of the recognition used on the golf course, grasses and their characteristics. Fix and prevention of lawn diseases. Reading service and maintenance plans. Detect and fix easier disruptions to machinery and equipment. Golf course knowledge and application of the job specific software (Source: RIS; Lehrberufsverordnung).</p>
		<p>FacharbeiterIn Weinbau- und Kellerwirtschaft (Craftsman viticulture and winemaking) Apprenticeship trade (3 or 4 years)</p>	<p>LAP-Vorbereitung Garten- und Grünflächengestaltung (preparation garden and green space design)</p>

		<p>Authority: Agricultural vocational school</p> <p>Main activities are: Create vineyards and process the harvested grapes to wine and sweet must. Cultivating grapevines, e.g. cutting down the branches, plowing and watering the soil, fighting pests and weeds. Harvest grapes with pruning shears or harvesters. Use grape processing machines, e.g. wine presses, bottling plants. Market and sell products.</p> <p>Key learning outcomes: The graduates a) plan and implement autonomous activities and services for rural areas; b) produce, refine and market agrarian products from an entrepreneurial and ecological point of view; c) have competences for commerce and commercial occupations d) are familiar with quality assurance tools and can apply them in their own field of activity; e) manage the cultural landscape and secure the living and production basis for future generations through sustainable management; f) have basic general education, follow new developments, continue to develop and shape change; g) create the basis for a responsible and healthy lifestyle; h) represent and communicate personal,</p>	<p>Key learning outcomes: Mass calculation: Calculate all masses of a given design plan in a specified scale. Parktische Arbeit: Make this design plan into reality. Plant Recognition: Using plants and shrubs in the botanical and German name, give the given plants. Knowledge check: clarify information about the course of the entire exam, topic overview of the oral exam, open questions. Quick Check: You need this for the final apprenticeship exam. (Source: Wifi)</p>
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		operational and social interests in a gender-equitable manner and are tolerant of others. (Source: RIS; Lehrberufsverordnung).	
		<p>Abschlussprüfung an der landwirtschaftlichen Fachschule in der Fachrichtung Gartenbau; FacharbeiterIn Gartenbau (Final examination at the agricultural college in the field of horticulture; Skilled worker horticulture) (BMS)</p> <p>3 year school</p> <p>Authority: Offices of the following Provincial Governments: OÖ, BGLD, NÖ, STMK, SBG, KTN, VBG, T</p> <p>Key learning outcomes: Graduates are specialised in horticulture and have advanced practical and theoretical knowledge and skills that enable them to operate an agricultural nursery operation considering ecological and economic aspects. They have the ability to work independently and start their own business or work as employees in many areas of business (floristry, horticulture or landscaping) or attend advanced training courses or a master craftsman training (Source: NQR).</p> <p>Short description of occupation: Skilled</p>	<p>Garten- und Grünflächengestaltung – Landschaftsgärtnerei (Garden and green space design – landscaping)</p> <p>Apprenticeship trade</p> <p>Authority: chamber of commerce</p> <p>Main activities: Build, plant and care for gardens, green areas and parks. Greening areas on streets and in pedestrian zones. Grow and care for the lawn.</p> <p>Plant and care for flowers, shrubs, trees and other plants. Create artificial ponds and lakes.</p> <p>Key learning outcomes: The graduates of the three-year apprenticeship are specialized in handling and maintaining the tools, machines, devices and work tools to be used. Knowledge of the materials and supplies, their properties and their use and processing knowledge of the commercial plants (perennials, woody plants, etc.), their botanical names, their living conditions and life functions, their care and use, especially taking into account the local vegetation</p>

		<p>gardening workers plant vegetable and ornamental plants as well as young trees, shrubs and fruit trees. They cultivate crops grown outdoors or in glasshouses through fertilisation, irrigation and weed and pest control measures. The plants are either harvested by hand or with harvesters, skilled garden workers store them or sell them to wholesalers or end consumers (Source: BIS).</p>	<p>knowledge of the ecological context in the nature (Species protection, plant families, natural care, biotopes, semi-natural plants). Knowledge and recognition of relevant diseases and pests. Knowledge about their control under consideration of environmental requirements, including integrated pest management. Basic knowledge of the propagation and culture of plants (perennials, woody plants). Knowledge of plant protection and fertilizer regulations, manual and mechanical tillage, turf, laying turf, lawn care, basic knowledge of sports field construction, construction of the base courses, knowledge of the creation of Streams and swimming ponds. Basic knowledge of object greening. Specializing in landscaping lawn care in gardening and landscaping. Setting up and caring for a kitchen garden, preparation of sketches and plans for gardening and landscaping, including interior design, acceptance and ordering of goods and sale. Customer consultation and support. Leading sales talks. Basic knowledge of the commercial business organization (Source: RIS; Lehrberufsverordnung).</p>
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		<p>Friedhofs- und ZiergärtnerIn (cemetery and ornamental gardener) Apprenticeship trade (3 years) Authroity: Chamber of commerce</p> <p>Short description of content: Cemetery and ornamental gardeners design and maintain parks and green spaces as well as tombs in cemeteries. Services also include the raising and sale of ornamental plants for grave design, cut flowers and potting plants.</p> <p>Key learning outcomes: Handling and maintaining the tools, machines, devices and work tools. Knowledge of the materials and auxiliaries, their properties as well as their possibilities of use and processing. Knowledge of common flowers and plants, their botanical names, their living conditions and life functions and their care. Knowledge of ecological relationships in nature (species protection, plant families, natural care). Knowledge and identification of relevant diseases and pests and knowledge of their control and plant protection. Knowledge of the propagation and culture of flowers and plants. Knowledge of the phytosanitary and</p>	
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		<p>fertilizer regulations. Implementation of plant protection and pest control measures. Treat, care for, water, fertilize and store flowers and plants. Arranging and processing of flowers and plants, knowledge of flower and plant transport. Knowledge of nil culture (hydroponics).</p> <p>Making drawings, sketches and plans. Simple field measurement, leveling, alignment, measuring the planting areas. Manual and mechanical tillage. Preparing planting grounds, soil improvement and fertilization</p> <p>planting and care work. Grave design, care and irrigation. Lawn and care, laying of lawn tiles, turf and lawn replacement. Horticultural interior design according to sketches and plans. Binding and decoration for graves. (Source: RIS; Lehrberufsverordnung)</p>	
		<p>GartenbautechnikerIn (horticulture technican) (BMS) 4 year school Authority: Landwirtschaftliche FS (Gartenbau)</p> <p>Main activities: Horticultural technicians</p>	<p>Gärtner (Landschaftsgärtner) - Vorbereitung auf die außerordentliche Lehrabschlussprüfung (Gardener (landscape gardener) - preparing for the extraordinary final apprenticeship examination) Preparation course Authority: chamber of commerce</p>

	<p>are involved in the design, planning and execution of horticultural projects, gardens and parks. These include sub-areas such as landscaping, sports field construction, cemetery gardening or environmental technology. The tasks of horticultural technicians may include the rehabilitation and improvement of existing gardening and landscaping facilities (Source: AMS).</p> <p>Key learning outcomes: The combination of practical activities with artistic-creative elements in combination with business knowledge requires a sound education. In any case, experts in addition to plant knowledge must also have technical skills, e.g. recognize and evaluate the materials used in horticulture, handle mobile machinery and hand tools (metal and woodworking, tillage equipment, etc.), plan and build irrigation systems, make technical detail drawings and properly dimension. (source: AMS)</p>	<p>Key learning outcomes: Plant protection - vegetable science, soil science, fertilizer teaching, ornamental plants, tree education, garden pond. Special calculations - special drawing. (Source: WIFI)</p>
	<p>FacharbeiterIn Gartenbau (craftsman horticulture) Apprenticeship trade (3 years) Authority: chamber of commerce</p> <p>Key learning outcomes: Sow vegetable and plant seeds in beds and</p>	

		seed boxes. Cultivating young plants (watering, fertilizing, weeding etc.), perform pest control measures. Transfer seedlings to beds (in cold frames or outdoor beds), prepare vegetable and ornamental plants for sale. (Source: AMS ABK).	
		Gärtnerinnen- und Gärtnerschule (GGS) (Gardening school); 2. Bildungsweg part-time course/second-chance learning (500 hours) Authority: Gartenbauschule Key learning outcomes: Basic knowledge in corporate management, political education, horticultural technology and basics, ornamental plant cultivation, nursery with fruit trees, vegetable production, floristics, garden and green space design. (Source: Gartenbauschule)	
5		Betriebsleiterausbildung Weinbau (Manager training viticulture) Duration: 8 months (after 3 years vocational school or 6 months after 4 years vocational school; min. 1,000 hours) Authority: Land- und forstwirtschaftliche Fachschulen/Fachschulen der ländlichen Hauswirtschaft	Reife- und Diplomprüfung an der Höheren Lehranstalt für Landwirtschaft und Ernährung (Degree and diploma examination at the Higher School of Agriculture and Nutrition) Authority: Ministry of Education Key learning outcomes: Conducting a

		Key learning outcomes: The graduate students have the same qualifications as students of the Vocational School of Viticulture and Wine Management. Access to viticulture and cellar master class and exam. (Source: AMS ABK; RIS)	senior or executive professional activity in agriculture, forestry or related fields on the basis of the acquired higher education and technical education as well as university entrance qualification (Source: NQR)
		GartenbautechnikerIn (horticulture technician) BHS (HLA Garten- und Landschaftsgestaltung); HBFLA (Schönbrunn) Authority: Ministry of Education Key learning outcomes: The combination of practical activities with artistic-creative elements in combination with business knowledge requires a sound education. In any case, experts in addition to plant knowledge must also have technical skills, e.g. Recognize and evaluate the materials used in horticulture, handle mobile machinery and hand tools (metal and woodworking, tillage equipment, etc.), plan and build irrigation systems, make technical detail drawings and properly dimension. (source: AMS)	
	Vorbereitungslehrgang auf die Meisterprüfung für Floristik (Preparation course for the master	Vorbereitungslehrgang auf die Meisterprüfung GärtnerIn (Preparation course for the master examination for	

	<p>examination for floristry) Authority: chamber of commerce</p> <p>Key learning outcomes: Imparting the relevant knowledge and skills necessary for the qualification master in the craft of the flower-binder (florist) (Source: Gartenbauschule; AMS ABK)</p>	<p>gardening) Preparation course Authority: chamber of commerce</p> <p>Key learning outcomes: measure, earthwork, planting, lawn work, horticultural stone works - creating paths, squares, steps and walls, tree and shrub care, special calculations - special drawing, Plant Science - Plant Protection, fertilizer teaching, soil science, ecology (source: WIFI).</p>	
6		<p>Universitätslehrgang «Diplom-Önologie» (University course «Diploma Oenology») University course Authority: BOKU (University of Natural Resources and Life Sciences Vienna)</p> <p>Key learning outcomes: The academic qualification as a certified oenologist according to the criteria of the International Organization of Vine and Wine OIV is an internationally recognized and respected training in viticulture, viticulture and oenology. Sustainable, quality-oriented viticulture is ecologically and economically important for the economy and society. From the producers, this requires a high degree of professionalism with regard to the</p>	<p>Bachelorstudium Landschaftsplanung und Landschaftsarchitektur (BA-Study Landscape planning and architecture) University Study Authority: BOKU (University of Natural Resources and Life Sciences Vienna)</p> <p>Key learning outcomes: Graduates of the bachelor degree in landscape planning and landscape architecture are proficient in basic and applied knowledge in the field of engineering science of the subject discipline. Based on and in the application of planning, design, landscaping, environmental and socio-</p>

		interdisciplinary consideration and handling of all viticultural, oenological and viticultural aspects. These requirements are taken into account by the qualification as a certified oenologist: The foundations are the profound knowledge of the relevant technical, scientific, legal and economic fields of knowledge, which are applied in-depth during practical modules in specialized companies. The professionally oriented Diploma Oenology course teaches application-relevant expertise and competences in sustainable and quality-oriented grape production, processing and wine production, production control, and the marketing of products and management (Source: BOKU).	economic disciplines, graduates are able to apply the acquired knowledge, skills and competencies of the multidisciplinary planning discipline of landscape planning and landscape architecture after completion of the bachelor's degree both theoretically and practically. Problem-oriented, networked thinking and acting. Analytical thinking, critical, reflective thinking. Skills to familiarize quickly and purposefully with problems. Planned problem-solving skills in socioeconomic, ecological and design terms. Skills to perform tasks in the mentioned fields of expertise. Competence to develop and implement planning objectives from the concept level to the design. Competence, the realization of landscaping to manage and supervise individual measures (Source: BOKU)
	Meisterkurs Floristik (Mastercourse) Preparatory course. Duration: 9 weeks (395 teaching units) Responsible: Vocational gardening school Key learning outcomes: Imparting the relevant knowledge and skills necessary for the qualification	Meisterkurs Gärtner (Mastercourse) Master course. Duration: 520 teaching units Responsible: chamber of commerce Key learning outcomes: The master class is structured in modules, is offered nationwide and includes 520 teaching units. The Modules General Management, Legal and	Meisterkurse (Mastercourse) Preparatory course. Duration (226 teaching units) Responsible: BS Gardener and florists Key learning outcomes: Measuring, earthwork, planting, lawn work, horticultural stone works - creating paths,

<p>Master in the craft of the flower-binder (florist). The Master Course Floristry is an education for the subject modules 1-3. Not included are the Entrepreneur Examination module and the Trainer Exam. (source: AMS)</p>	<p>Agricultural Policy and the Instructor Course are the same for all professions of agriculture and are counted against each other. These modules are offered in all federal states.</p> <p>In the Master Course Horticulture the horticultural foundations and a focus have to be visited. The focus can be placed in the areas of vegetable production, nursery or ornamental plant. In addition, each participant must complete elective electives amounting to 80 teaching units. In the entrepreneur part also compulsory horticultural business management and marketing and sales are offered. (source: Wifi)</p>	<p>squares, steps and walls, tree and shrub care, special calculations - special drawing,</p> <p>Plant Science - Plant Protection, fertilizer teaching, soil Science, material Science, ecology and concrete machine engineering (source: Wifi)</p>
	<p>Meisterschule (Masterschool)</p> <p>The master school is in the education center Langenlois. Vocational school graduates can take the master's / master's training here in 8 months (in 2 parts of 4 months each in winter) and graduates in 4 months (1 winter).</p> <p>Key learning outcomes:</p> <p>Subject areas that are the content of the specialist part of the Gärtner Meisterprüfungen</p> <p>Subject areas that are the content of the</p>	

		instructor exam. Subject areas that are the subject of the entrepreneurial examination. (source: Gärtner.at)	
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Assessment procedures			
Occupation :	Floristry	Horticulture / production	Landscaping
EQF level:			
2		Gartenhilfskraft (m/w) (Garden Assistant) (Anlern- und Hilfsberuf) There exists no assessment in order to be able to work in this occupation (low-skilled)	
3			
4	FloristIn (Florist) Apprenticeship trade 3 year apprenticeship Responsible: chamber of commerce final practical exam (Tying a wreath, wires, sticking and garnishing, making a bound bouquet and bridal bouquet, making a decorative bowl and vase filling); theoretical exam (including botany knowledge, business math, technical qualification) & comprehensive interview (Fachgespräch (ca. 20min.)) (source: RIS)	Abschlussprüfung an der Landwirtschaftlichen Fachschule in der Fachrichtung Obstbau und/oder Obstbau und Obstverwertung (Final examination at the Agricultural College in the field of fruit and / or fruit and fruit utilization) 3 year school Responsible: Offices of the following Provincial Governments OÖ; BGLD; NÖ; STMK; SBG; KTN; VBG; T Final exam (Source: NQR) <i>Comment: No specific information on content or procedures of examination available</i>	LAP-Vorbereitung Garten- und Grünflächengestaltung (preparation garden and green space design) preparation workshop for final apprenticeship examination – no assessment procedures. Responsible: chamber of commerce Main content: Calculation works, Plant Recognition

			tests, Knowledge check. All work will be discussed and corrected together (Source: WIFI)
	<p>Gartencenterkaufmann/-frau (garden center retail trader) Apprenticeship trade 3 year apprenticeship Responsible: chamber of commerce</p> <p>The final apprenticeship exam is divided into a practical and a theoretical exam. The practical examination covers the subjects business case, sales promotion and storage as well as specialist knowledge, sales and customer service. The theoretical examination covers the subjects commercial and accounting. Theoretical examination is not required if the candidate has attained the last class of the vocational training school for the gardening attendant or the successful completion of a vocational secondary or secondary school replacing the apprenticeship (Source: RIS; Lehrberufsverordnung)</p>	<p>Abschlussprüfung an der Landwirtschaftlichen Fachschule in der Fachrichtungen Weinbau und/oder Weinbau und Kellerwirtschaft (Final examination at the Agricultural College in the fields of viticulture and / or viticulture and cellar) 3 year school Responsible: Offices of the following Provincial Governments: OÖ, BGLD, NÖ, STMK, SBG, KTN, VBG, T Final exam (Source: NQR)</p> <p><i>Comment: No specific information on content or procedures of examination available</i></p>	<p>Garten- und Grünflächengestaltung – Greenkeeping (Garden and green space design – Greenkeeping) Apprenticeship trade Responsible: chamber of commerce 3 year apprenticeship + Final examination includes a practical part (Prüfarbeit), an comprehensive interview (Fachgespräch) and a theoretical part about general regulations, applied mathematics and botany.</p>
		<p>FacharbeiterIn Weinbau- und Kellerwirtschaft (Craftsman viticulture and winemaking) Apprenticeship trade Responsible: chamber of commerce</p>	<p>Garten- und Grünflächengestaltung – Landschaftsgärtnerei (Garden and green space design – landscaping)</p>

		final practical exam, theoretical exam & comprehensive interview (Fachgespräch) (Source: NQR)	Apprenticeship trade Responsible: chamber of commerce 3 year apprenticeship + Final examination includes a practical part (Prüfarbeit), an comprehensive interview (Fachgespräch) and a theoretical part about general regulations, applied mathematics and botany. (Source: RIS)
		Abschlussprüfung an der landwirtschaftlichen Fachschule in der Fachrichtung Gartenbau; FacharbeiterIn Gartenbau (Final examination at the agricultural college in the field of horticulture; Skilled worker horticulture) 3 year school Responsible: Offices of the following Provincial Governments: OÖ, BGLD, NÖ, STMK, SBG, KTN, VBG, T Final examination (Source: NQR) <i>Comment: No specific information on content or procedures of examination available</i>	Gärtnerfacharbeiterprüfung durch die Land- und forstwirtschaftliche Lehrlings- und Fachausbildungsstelle (Gardener examination by the agricultural and forestry apprenticeship and specialist training center) It consists of partial exams, as well as a written and an oral final exam. Responsible: The agricultural and forestry apprenticeship and vocational training center

			(e.g. in vienna) decides on admission to the skilled worker examination in horticulture. (Source: Lehrlingsstelle.at)
		Gärtnerinnen- und Gärtnerschule (GGS) (Gardening school) 2. Bildungsweg part-time course/second-chance learning Authority: chamber of agriculture <i>Procedere is the same like the exam «craftsman horticulture» see next row</i> Reponsible: chamber of agriculture (Source: Gartnerschule)	Gärtner (Landschaftsgärtner) - Vorbereitung auf die außerordentliche Lehrabschlussprüfung (Gardener (landscape gardener) - preparing for the extraordinary final apprenticeship examination) Preparation course – there is no assesement (Source: Wifi)
		FacharbeiterIn Gartenbau (Horticulture craftsman) Apprenticeship trade Responsible: chamber of commerce 3 year apprenticeship + final practical exam, theoretical exam & comprehensive interview (Fachgespräch) (Source: AMS)	
		GartenbautechnikerIn (horticulture technican)	

		<p>4 year school (BMS) Responsible: Offices of the following Provincial Governments: OÖ, BGLD, NÖ, STMK, SBG, KTN, VBG, T</p> <p><i>Comment: No specific information on content or procedures of examination available</i></p>	
		<p>Friedhofs- und ZiergärtnerIn (cemetery and ornamental gardener) Apprenticeship trade</p> <p>The final apprenticeship exam is divided into a practical and a theoretical examination. The practical part covers the objects audit work and a oral exam (Fachgespräch) The theoretical part covers the objects mathematics, expertise and botany. Responsible: chamber of commerce (Source: RIS)</p>	
5		<p>GartenbautechnikerIn (horticulture technician) (BHS Gartenbau; HLA Garten- und Landschaftsgestaltung) 5 year school with school leaving examination (Matura): written and oral final exams Responsible: Ministry of Education</p> <p>The written part of the maturity and diploma examination consists of: a diploma thesis and its presentation, a standardized written exam in the</p>	<p>Reife- und Diplomprüfung an der Höheren Lehranstalt für Landwirtschaft und Ernährung (Degree and diploma examination at the Higher School of Agriculture and Nutrition) Duration: 5 years Similar procedures like in</p>

		<p>examination field "German" (300 min), one or two standardized written tests in the examination areas "English" (300 min) and / or "Applied Mathematics" (270 min) and a written exam in the subject "Business Administration and Accounting" (300 min).</p> <p>In the oral part the following exams have to be taken: in the subject "English" or "Applied Mathematics", if not written, in the examination area "Fachkolloquium", a combination of two subjects from the department and an examination in the examination subject "complementary subject" (subject matter, not part of the specialist colloquium) or "religion" or "culture and social reflection" or "history and political education".</p> <p>There are thus in addition to the diploma thesis still 6 individual exams. Either 3 in writing and 3 orally or 4 in writing and 2 orally.</p> <p>Responsible: the teaching school (Source: HBLFA)</p>	<p>the left column below. Responsible: Ministry of Education (Source: NQR)</p>
		<p>Betriebsleiterausbildung Weinbau (Manager training viticulture)</p> <p>Duration: (1 year) 1 semester Operations Leader preparation module and practice time (17 weeks)</p> <p>Responsible: Technical school (FS Land- und Forstwirtschaft)</p>	

		(Source: FS)	
	<p>Vorbereitungslehrgang auf die Meisterprüfung für Floristik (Preparation course for the master examination for floristry) Responsible: chamber of commerce</p> <p>The Master examination has several units: practical exam including; making a bridal bouquet, a vessel filling with cut vegetable materials, and preparation of a plant vessel filling. Also the planning, organization, implementation and presentation of the following workpieces: Tied ostrich, design with cut vegetable material, design with plants, bridal jewelry, funeral floristry and an elective work according to a topic specified by the Examination Board. The second and third part includes an oral and written examination about theoretical knowledge in the subjects: Botany, general design, special design, color theory, stylistics and sales apprenticeship (...) (Source: WKO:)</p>	<p>Vorbereitungslehrgang auf die Meisterprüfung GärtnerIn (Preparation course for the master examination for gardening) Responsible: chamber of commerce Comparable procedures like left column</p>	
6		<p>Meisterschule (Masterschool) Responsible: Chamber of Agriculture; Chamber of commerce Duration: 2x 4 months for Vocational training school graduates or 5 months for college</p>	<p>Bachelorstudium Landschaftsplanung und Landschaftsarchitektur (BA-Study Landscape planning and architecture)</p>

		<p>graduates</p> <p>At the end of the second part the following exams can be taken:</p> <p>1) Agricultural gardener master examination (focus on tree nursery) consisting of Project work ("Master-Housework") written exam, commission oral examination.</p> <p>2) Master craftsman's examination in the craft gardener (landscape gardener) consisting of the examination: Module 1: Practical and practical examination ("Meisterstück"); Module 2: Subject-related written examination ("written exam"); Module 3: Subject-related oral examination; Module 4: Instructor Examination; Module 5: Entrepreneur Examination (will be replaced by a positive school diploma!) (Source: gartenbauschule)</p>	<p>Responsible: BOKU (University of Natural Ressources and Life Sciences Vienna)</p> <p>The study is considered complete when all courses have been completed successfully and the bachelor thesis was evaluated positively. The confirmation of the conclusion is made by notification (Source: BOKU).</p>
	<p>Meisterkurse (Mastercourse) Responsible: Chamber of commerce</p> <p>Duration: 500 Units</p> <p>By the positive conclusion of the 4-year horticultural school Langenlois or the master technical school Langenlois one has already the replacement of the entrepreneur examination with a commercial master examination. For example: crafts gardener, florist (florist)</p>	<p>Meisterkurse (Mastercourse) Responsible: Chamber of commerce Comparable procedures: see left column (Source: Gartenbauschule)</p>	<p>Meisterkurse (Mastercourse) Responsible: Chamber of commerce Comparable procedures: see left column (Source: Gartenbauschule).</p>

	<p>or garden and green space designer.</p> <p>Entrepreneur part of the (agricultural) master exam gardener:</p> <p>The examinations in the Entrepreneurs' Course (Technical School Module 3) or in the Master School of Applied Sciences are considered as partial examinations for the agricultural gardener exam. During the master's examination, only the subject business administration is examined by the entrepreneur part. An already filed industrial entrepreneurial examination is credited.</p> <p>(Source: Gartenbauschule)</p>		
		<p>Meisterschule (Masterschool)</p> <p>Responsible: Tree nursery</p> <p>Each module is completed with a test. After completing all the modules, the master's thesis will be presented and a commissioned technical discussion will take place. The positive completion of the master school replaces the entrepreneurial examination (trade), the positive passed master exam replaces the exam in the field of horticulture in the case of any desired professional maturity exam. At the end of the second part the following exams can be taken: Agricultural gardener master examination consisting of:</p>	

		<p>Project work ("Master-Housework") written exam; Commission oral examination and or Master craftsman's exam in the craft gardener consisting of the examination Module 1: Practical and practical examination ("Meisterstück") Module 2: Subject-related written examination ("written exam") Module 3: Subject-related oral examination Module 4: Instructor Examination Module 5: Entrepreneur Examination (will be replaced by a positive school diploma) (source: Gärtner.at)</p>	
		<p>Universitätslehrgang «Diplom-Önologie» (University course «Diploma Oenology») Responsible: University (BOKU)</p> <p>The diploma oenology course is considered complete when all courses (48 ECTS), modules and projects (practical module with 6 ECTS) have been assessed positively. The final dissertation is a science-based project worth 6 ECTS credits. With the final thesis, students demonstrate their ability to work independently on a task in the field of viticulture, oenology and / or wine management as well as in terms of content and methodology. The thesis can be written in German or English. (source: BOKU)</p>	

Certificates/diplomas after assessment			
Occupation: EQF level:	Floristry	Horticulture / production	Landscaping
2		Gartenhilfskraft (m/w) (Garden Assistant) (Anlern- und Hilfsberuf) None – as there is no assessment.	
3			
4	FloristIn (Florist) Apprenticeship certificate Responsible: chamber of commerce (source: WKO)	Abschlussprüfung an der Landwirtschaftlichen Fachschule in der Fachrichtung Obstbau und/oder Obstbau und Obstverwertung (Final examination at the Agricultural College in the field of fruit and / or fruit and fruit utilization) School leaving certificate (completed vocational training) Responsible: Landesregierungen folgender Bundesländer: OÖ, BGLD, NÖ, STMK, SBG, KTN, VBG, T	LAP-Vorbereitung Garten- und Grünflächengestaltung (preparation garden and green space design) No certificate Responsible: chamber of commerce (source: Wifi)

		(source: NQR)	
	Gartencenterkaufmann/-frau (Garden center retail trader) Apprenticeship certificate (3 years) Responsible: chamber of commerce (source: WKO)	Abschlussprüfung an der Landwirtschaftlichen Fachschule in der Fachrichtungen Weinbau und/oder Weinbau und Kellerwirtschaft (Final examination at the Agricultural College in the fields of viticulture and / or viticulture and cellar) School leaving certificate (completed vocational training) Responsible: chamber of commerce (Source: NQR)	Gärtnerfacharbeiterprüfung durch die Land- und forstwirtschaftliche Lehrlings- und Fachausbildungsstelle (Gardener examination by the agricultural and forestry apprenticeship and specialist training center) Apprenticeship certificate Responsible: chamber of agriculture (source: Gartenbauschule)
		FacharbeiterIn Weinbau- und Kellerwirtschaft (Craftsman viticulture and winemaking) (3 years) Apprenticeship certificate Responsible: chamber of commerce	Garten- und Grünflächengestaltung – Greenkeeping (Garden and green space design – Greenkeeping) Apprenticeship certificate Responsible: chamber of commerce
		Abschlussprüfung an der landwirtschaftlichen Fachschule in der Fachrichtung Gartenbau (Final exam at the agricultural college in the field of horticulture) School leaving certificate (completed vocational training)	Garten- und Grünflächengestaltung – Landschaftsgärtnerei (Garden and green space design – landscaping) Apprenticeship certificate Responsible: chamber of commerce
		Gärtnerinnen- und Gärtnerschule (GGS) (Gardening school); 2. Bildungsweg	

		Part-time course (500 hours) Apprenticeship certificate (Source: Gartenbauschule)	
		FacharbeiterIn Gartenbau (craftsman horticulture) Apprenticeship certificate Responsible: chamber of agriculture	Gärtner (Landschaftsgärtner) - Vorbereitung auf die außerordentliche Lehrabschlussprüfung (Gardener (landscape gardener) - preparing for the extraordinary final apprenticeship examination) preparation for the final apprenticeship exam, no assesement procedures. Responsible: chamber of commerce (Source: Wifi)
		GartenbautechnikerIn (horticulture technican) (4 years) (BMS) School leaving certificate (completed vocational training) Responsible: chamber of commerce (source: AMS ABK).	
		Friedhofs- und ZiergärtnerIn (cemetery and ornamental gardener) Apprenticeship certificate Responsible: chamber of agriculture (Source: WKO)	
5		GartenbautechnikerIn (horticulture	Reife- und Diplomprüfung an der

		technican) (BHS Landwirtschaft und HLA Garten- und Landschaftsgestaltung) Responsible: Ministry of Education Matura (A-Level) + diploma examination. Authorisation to study at universities and unversities of applied science. Access to legally regulated professions accoring to Industrial Code. (source: AMS ABK; HBLFA)	Höheren Lehranstalt für Landwirtschaft und Ernährung (Degree and diploma examination at the Higher School of Agriculture and Nutrition) Responsible: Ministry of Education Matura (A-Level) + diploma examination. Authorisation to study at universities and unversities of applied science. Access to legally regulated professions accoring to Industrial Code. (Source: bmbwf)
		Betriebsleiterausbildung Weinbau (Manager training viticulture) Final diploma Responsible: Technical School (Source: FS)	
	Vorbereitungslehrgang auf die Meisterprüfung für Floristik (Preparation course for the master examination for floristry) Master craftsmen Responsible: school (for teaching) (Source: gartenbauschule; AMS ABK)	Vorbereitungslehrgang auf die Meisterprüfung GärtnerIn (Preparation course for the master examination for gardening) Preparation course: no diploma/ certificate Responsible: Chamber of commerce (Source: WIFI)	
6	Meisterkurse (Mastercourse)	Meisterkurs GärtnerIn	Meisterkurs (Mastercourse)

	Master craftsman's diploma (certificate) Responsible: chamber of commerce (Source: WIFI)	(Mastercourse Gardener) Master craftsman's diploma (certificate) Responsible: chamber of commerce (Source: WIFI)	Master craftsman's diploma (certificate) Responsible: chamber of commerce (source: WIFI)
		Meisterschule (Masterschool) Master craftsman's diploma (certificate) Responsible: chamber of agriculture (Source: Gärtner.at)	Bachelorstudium Landschaftsplanung und Landschaftsarchitektur (BA-Study Landscape planning and architecture) Bachelor degree: Bachelor of Science (BSc) Responsible: University (Source: BOKU)
		Universitätslehrgang «Diplom-Önologie» (University course «Diploma Oenology») Academic diploma (certificate) Responsible: University BOKU (Source: BOKU)	

Estonia:

Existing qualifications and/or training curricula			
Occupation:	Floristry	Horticulture / production	Landscaping
EQF level:			
2		Assisting Gardener	Landscape gardener
		<u>Responsible:</u> Estonian Qualifications Authority	
		An assisting gardener fulfills with outside help all simpler tasks in all fields of gardening – vegetable and fruit growing, arboretum, floriculture, etc. Level 2 assisting gardener is an unskilled worker whose main tasks are preparing sowing and planting ground, sowing and planting and caring; harvesting crops/produce, preserving it and preparing it for sale. An assisting gardener generally works in a delimited situation, under direct supervision and as part of a team.	Level 2 landscape gardener is a simple worker whose main tasks are assisting in the preparation of the object, pavement and for planting, maintenance and maintenance of grassland, lawn and planting areas.
3		Gardener's Assistant	Landscape gardener
		<u>Responsible:</u> Estonian Qualifications Authority	
		Level 3 gardener's assistant is a skilled worker who understands basic work related facts and principles. They fulfil basic tasks in all fields of gardening -	Level 3 landscape gardener is a skilled worker whose main job is to install pavement, lawn and construct and maintain the green areas. He works

		vegetable and fruit growing, arboretum, floriculture, etc. A gardener's assistant chooses and uses tools and methods suitable for garden work, acts according to a plan and in an economical and resourceful manner. Their main tasks are preparing sowing and planting ground, sowing and planting and caring for horticulture plants; harvesting crops/produce, preserving it and preparing it for sale. A gardener's assistant generally works in a delimited situation, under direct supervision and as part of a team. A gardener's assistant values ethical beliefs and ideas, follows good gardening practice and environmental- and work safety requirements.	independently according to the instructions given. A level 3 landscape gardener may work in a landscape construction company, a garden center, a nursery, a construction company, real estate management company etc.
4	Florist	Gardener	Landscape gardener
	<u>Responsible:</u> Estonian Qualifications Authority		
	The work of the florist is the preparation of plant material, the production of flower arrangements (including decorating works), plant care, sales management and customer service. He independently organizes his work and works in a team. Level 4 florists shape the positive image of the profession in	Level 4 gardener is a skilled worker who understands basic work-related facts and principles. They fulfil basic tasks in all fields of gardening - vegetable and fruit growing, arboretum, floriculture, etc. A gardener chooses and uses tools and methods suitable for garden work, acts according to a plan and in an economical and resourceful manner. Their main tasks are preparing	Level 4 landscape gardener is a skilled worker whose main tasks are to create a garden or a green area according to the project (incl. the installation of paving, the establishment of lawns and planting areas, the construction of walls and small wooden structures, the planting of the big trees) and maintenance.

	their daily work, possibly participating in the activities of professional associations, competitions, etc.	sowing and planting ground, sowing and planting and caring for horticulture plants; harvesting crops/produce, preserving it and preparing it for sale. A gardener supervises standard work of their subordinates and, within their sphere of competence, is responsible for improving other workers. Plans their activities and behavior according to the situation. A gardener values ethical beliefs and ideas, follows good gardening practice and environmental- and work safety requirements.	He works in a team, organizes his work and supervises lower level landscape gardeners. A level 4 landscape gardener may work in a landscape construction company, a garden center, a nursery, a construction company, real estate management company, local government, etc. <u>Partial professions:</u> <ul style="list-style-type: none"> • Paving installer • Fence builder • Maintenance worker of the green areas
5	Master florist	Senior Gardener	Landscape gardener
	<u>Responsible:</u> Estonian Qualifications Authority		
	Master florist, level 5 is an experienced specialist whose main job is to make flower arrangements (including decorations), prepare plant material and care for plants, organize and organize the work of the company. Master florist manages and guides the work of others, communicates with clients and is responsible for the end result. Master florist communicates with clients and colleagues, including at international level.	Senior Gardener is a horticultural specialist with wide-ranging knowledge who performs diverse tasks (including in unpredictable situations). She specializes in fruit and berry growing, vegetable growing, floriculture, ornamental gardening and nursery work. His main tasks include planning work, preparing seeding and planting, sowing and planting, maintaining garden crops, harvesting or harvesting, preserving and preparing for sale, team management, quality assessment and analysis.	Level 5 landscape gardener is a specialist whose main task is to manage work on landscape construction objects (including work planning, employee guidance, documentation) and communication with clients and partners. He monitors and controls the quality of work. Level 5 landscape gardener can work in landscape construction company, horticultural center, nursery, construction company, real estate management company, local

	Master florist is purposefully shaping the positive image of the profession: promotes; publishes publications; participates in the activities of the professional association, competitions (organizer, participant or judge), exhibitions, workshops; organizes professional courses etc.	<u>Specialisations:</u> <ul style="list-style-type: none"> • Horticulturalist specialising in floral gardens • Senior gardener specialising in vegetable growing • Senior gardener specialising in floriculture • Senior gardener specialising in nursery • Senior gardener specialising in fruit growing 	government etc.
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Assessment procedures			
Occupation:	Floristry	Horticulture / production	Landscaping
EQF level:			
2		Responsible: <ul style="list-style-type: none"> • Estonian Gardening Association • Rāpina School of Horticulture 	Responsible: <ul style="list-style-type: none"> • Estonian Landscapers Association
		Methods of the assessment (professional examination): <ul style="list-style-type: none"> • evidence-based interview, • knowledge of plants, • practical test work. The assessment is carried out in two stages. A bipartite grading scale is used: <ul style="list-style-type: none"> • Passed • Failed 	Assessment (professional examination) is outcome based. Methods: <ul style="list-style-type: none"> • Observation of the work situation; • Interview for identifying competencies that match the levels. • In the case of a vocational education institution graduate, internship documents (individual traineeship plan, practice diary and report) - proof of competences acquired in the actual work situation; A bipartite grading scale is used: <ul style="list-style-type: none"> • Passed

			<ul style="list-style-type: none"> Failed
3		<p>Responsible:</p> <ul style="list-style-type: none"> Estonian Gardening Association Räpina School of Horticulture 	<p>Responsible:</p> <ul style="list-style-type: none"> Estonian Landscapers Association Räpina School of Horticulture
		<p>Methods of the assessment (professional examination):</p> <ul style="list-style-type: none"> a competence-based portfolio, a written assignment and an evidence-based interview or e-test, knowledge of plants, practical test work. <p>The evaluation is carried out in three stages. In general, appraisal of invitations takes place in the first stage, but if necessary, the assessment committee has the right to invite a re-examiner to another and / or third stage. A bipartite grading scale is used:</p> <ul style="list-style-type: none"> Passed Failed 	<p>Assessment (professional examination) is outcome based.</p> <p>Methods:</p> <ul style="list-style-type: none"> Observation of the work situation; Interview for identifying competencies that match the levels. In the case of a vocational education institution graduate, internship documents (individual traineeship plan, practice diary and report) - proof of competences acquired in the actual work situation; <p>A bipartite grading scale is used:</p> <ul style="list-style-type: none"> Passed Failed
4	<p>Responsible:</p> <ul style="list-style-type: none"> Estonian Gardening Association Räpina School of Horticulture 	<p>Responsible:</p> <ul style="list-style-type: none"> Estonian Gardening Association Räpina School of Horticulture 	<p>Responsible:</p> <ul style="list-style-type: none"> Estonian Landscapers Association Räpina School of Horticulture
	Methods of the assessment	Methods of the assessment (professional	Assessment (professional

	(professional examination): <ul style="list-style-type: none"> • competence-based portfolio, • evidence-based interview or e-test, • knowledge of plant and auxiliary materials, • practical test work. The evaluation is carried out in three stages. In general, appraisal of invitations takes place in the first stage, but if necessary, the assessment committee has the right to invite a re-examiner to another and / or third stage. A bipartite grading scale is used: <ul style="list-style-type: none"> • Passed • Failed 	examination): <ul style="list-style-type: none"> • a competence-based portfolio, • a written assignment and an evidence-based interview or e-test, • knowledge of plants, • practical test work. The evaluation is carried out in three stages. In general, appraisal of invitations takes place in the first stage, but if necessary, the assessment committee has the right to invite a re-examiner to another and / or third stage. A bipartite grading scale is used: <ul style="list-style-type: none"> • Passed • Failed 	examination) is outcome based. Methods: <ul style="list-style-type: none"> • Portfolio - evidence (self-analysis, photos, certificates, feedback, etc.) about competencies that match the level; • Observation of the work situation; • Interview - identification of competencies corresponding to the levels - is carried out when there is a need for further assessment in addition to the previous steps (portfolio, observation). A bipartite grading scale is used: <ul style="list-style-type: none"> • Passed • Failed
5	Responsible: <ul style="list-style-type: none"> • Estonian Gardening Association 	Responsible: <ul style="list-style-type: none"> • Estonian Gardening Association 	Responsible: <ul style="list-style-type: none"> • Estonian Landscapers Association
	Methods of the assessment (professional examination): <ul style="list-style-type: none"> • competence-based portfolio, • evidence-based interview or e-test, • knowledge of plant and auxiliary materials, • practical test work. The evaluation is carried out in	Methods of the assessment (professional examination): <ul style="list-style-type: none"> • a competence-based portfolio, • a written assignment and an evidence-based interview or e-test, • knowledge of plants, • practical test work. The evaluation is carried out in three stages. In general, appraisal of	Assessment (professional examination) is outcome based. Methods: <ul style="list-style-type: none"> • Portfolio - evidence (self-analysis, photos, testimonials, feedback, etc.) about competencies that match the level; • Interview for identifying competencies that match the

	<p>three stages. In general, appraisal of invitations takes place in the first stage, but if necessary, the assessment committee has the right to invite a re-examiner to another and / or third stage.</p> <p>A bipartite grading scale is used:</p> <ul style="list-style-type: none"> • Passed • Failed 	<p>invitations takes place in the first stage, but if necessary, the assessment committee has the right to invite a re-examiner to another and / or third stage.</p> <p>A bipartite grading scale is used:</p> <ul style="list-style-type: none"> • Passed • Failed 	<p>levels.</p> <p>A bipartite grading scale is used:</p> <ul style="list-style-type: none"> • Passed • Failed
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Certificates/diplomas after assessment			
Occupation:	Floristry	Horticulture / production	Landscaping
EQF level:			
2		Responsible: <ul style="list-style-type: none"> Estonian Gardening Association Räpina School of Horticulture 	Responsible: <ul style="list-style-type: none"> Estonian Landscapers Association
		Professional certificate - Assisting Gardener, level 2 In order to obtain a occupational certificate, the applicant has to prove all his/her competencies required by the occupational standard and by the procedure for awarding of occupational qualification established by the body awarding the occupational qualification.	Professional certificate - Landscape gardener, level 2 In order to obtain a occupational certificate, the applicant has to prove all his/her competencies required by the occupational standard and by the procedure for awarding of occupational qualification established by the body awarding the occupational qualification.
		The certificate also can be issued to students who have completed the course of Assisting Gardener on level 2 and passed the professional examination. Other students receive school diploma on level 2.	
3		Responsible: <ul style="list-style-type: none"> Estonian Gardening Association Räpina School of Horticulture 	Responsible: <ul style="list-style-type: none"> Estonian Landscapers Association Räpina School of Horticulture
		Professional certificate - Gardener's	Professional certificate - Landscape

		<p>assistant, level 3.</p> <p>In order to obtain a occupational certificate, the applicant has to prove all his/her competencies required by the occupational standard and by the procedure for awarding of occupational qualification established by the body awarding the occupational qualification.</p>	<p>gardener, level 3</p> <p>In order to obtain a occupational certificate, the applicant has to prove all his/her competencies required by the occupational standard and by the procedure for awarding of occupational qualification established by the body awarding the occupational qualification.</p>
		<p>The certificate also can be issued to students who have completed the course of Gardener's assistant on level 3 and passed the professional examination. Other students receive school diploma on level 3.</p>	<p>The certificate also can be issued to students who have completed the course of Landscaping on level 3 and passed the professional examination. Other students receive school diploma on level 3.</p>
4	<p>Responsible:</p> <ul style="list-style-type: none"> • Estonian Gardening Association • R�pina School of Horticulture 	<p>Responsible:</p> <ul style="list-style-type: none"> • Estonian Gardening Association • R�pina School of Horticulture 	<p>Responsible:</p> <ul style="list-style-type: none"> • Estonian Landscapers Association • R�pina School of Horticulture
	<p>Professional certificate – Florist, level 4</p> <p>In order to obtain a occupational certificate, the applicant has to prove all his/her competencies required by the occupational standard and by the procedure for awarding of occupational qualification established by the body awarding the occupational qualification.</p>	<p>Professional certificate – Gardener, level 4</p> <p>In order to obtain a occupational certificate, the applicant has to prove all his/her competencies required by the occupational standard and by the procedure for awarding of occupational qualification established by the body awarding the occupational qualification.</p>	<p>Professional certificate - Landscape gardener, level 4</p> <p>In order to obtain a occupational certificate, the applicant has to prove all his/her competencies required by the occupational standard and by the procedure for awarding of occupational qualification established by the body awarding the occupational qualification.</p>

	The certificate also can be issued to students who have completed the course of Florist on level 4 and passed the professional examination. Other students receive school diploma on level 4.	The certificate also can be issued to students who have completed the course of Gardener on level 4 and passed the professional examination. Other students receive school diploma on level 4.	The certificate also can be issued to students who have completed the course of Landscaping on level 4 and passed the professional examination. Other students receive school diploma on level 4.
5	<p>Responsible:</p> <ul style="list-style-type: none"> • Estonian Gardening Association <p>Professional certificate – Master Florist, level 5 In order to obtain a occupational certificate, the applicant has to prove all his/her competencies required by the occupational standard and by the procedure for awarding of occupational qualification established by the body awarding the occupational qualification.</p>	<p>Responsible:</p> <ul style="list-style-type: none"> • Estonian Gardening Association <p>Professional certificate – Senior gardener, level 5 In order to obtain a occupational certificate, the applicant has to prove all his/her competencies required by the occupational standard and by the procedure for awarding of occupational qualification established by the body awarding the occupational qualification.</p>	<p>Responsible:</p> <ul style="list-style-type: none"> • Estonian Landscapers Association <p>Professional certificate - Landscape gardener, level 5 In order to obtain a occupational certificate, the applicant has to prove all his/her competencies required by the occupational standard and by the procedure for awarding of occupational qualification established by the body awarding the occupational qualification.</p>

Norway:

Existing qualifications and/or training curricula		Country:	Norway
		Partner:	Vea
Occupation:	Floral Design	Horticulture	Landscaping
EQF level:	<p><i>Introduction to the occupation:</i> A floral designer creates beautiful, various flower designs for the daily life, and worthy, customized and personal frames for all other events and occasions in life. This includes bouquets, decorations and arrangements with fresh cut flowers and plants, making product presentations and showcases. Most floral designers work in flower shops, being parts of the floristry industry. Floral design is a creative craftsmanship and a service orientated occupation. (The actors in industry request more focus on economics and sustainability)</p>	<p><i>Introduction to the occupation:</i> Horticulture / gardening comprises two branches: I. A trade horticulturist works in the production of plants, fruit and berries or vegetables outdoors, or in protected surroundings. II. An amenity horticulturist works with creating and maintaining green areas in public spaces or private gardens.</p>	<p><i>Introduction to the occupation:</i> A landscaper works with creating and maintaining all types of outdoor installations and constructions associated with landscapes: plant beds, paths, pavements, stairs, walls, drainage etc. A focus is on storm water disposal. A landscaper's main working materials are soil, plants, wood, and stones. Landscapers work in association with horticulturists, garden architects and engineers.</p>

EQF 3	Floral Design	<i>Agriculture and Horticulture</i>	<i>Landscaper and sports facilities operator</i>
	<i>Responsible: The Norwegian Directorate for Education and Training</i>	<i>Responsible: The Norwegian Directorate for Education and Training</i>	<i>Responsible: The Norwegian Directorate for Education and Training</i>
	<p>Floral Design is a part of the Design and crafts study course-programme. (See Annex 3)</p> <p>Year 1: Course title: Design and Crafts The programme subjects cover Production and Quality and documentation. Tutoring is school based with theoretical lessons and practical work in schoolwork shop and placements in enterprises. See Annex 2.</p> <p>Total number of lessons is 980 divided between common core subjects (math, Norwegian, English, nature-subject, PE, etc.) (503) and programme subjects (477).</p> <p>Programme subjects CA: Production Quality assurance and expedient</p>	<p>Horticulture is part of the Agriculture, Fishing and Forestry course- programme (See Annex 1).</p> <p>Year 1: Agriculture, Fishing and Forestry (Use of nature...) Tutoring is school based with theoretical lessons and practical work in schoolwork shop and placements in enterprises. See Annex 2. Total number of lessons is 980, divided between common core subjects, (Norwegian, math etc.) (503) and programme subjects (477) The programme subjects cover sustainability and environmentally friendly nature-based production</p> <p>Programme subjects <i>I. Nature- based production</i> Competence aims (CA): Perform work tasks under guidance and</p>	<p>Landscaping and sports facilities operation are part of the Agriculture, Fishing and Forestry course-programme (See Annex 1).</p> <p>Year 1: Agriculture, Fishing and Forestry See left.</p> <p>Year 2 Landscaper Tutoring is school based with theoretical lessons and practical work in school workshop and placements in companies. See Annex 2. Total number of lessons is 980. These are divided between common core subjects (503 lessons) and programme subjects (477).</p> <p>The programme subjects cover the building, operation and maintenance of gardens, parks, recreational areas and sports facilities.</p>

	<p>documentation of creative processes, choice of product and service. The quality assurance comprises self-assessment and evaluation of another pupil's work. Documenting using appropriate visual and oral presentation of working processes, products and services, and the use of digital tools. The connection between own production, market and economics in a local, national and international perspective. Ethical issues in the crafts, connected to sustainable production in occupations within Design and Crafts is a part of the education, together with innovation, entrepreneurship and cooperation.</p> <p>CA: Quality and documentation Production processes relevant for the occupation and overall production processes developing basic craft products and services. Includes planning, choosing, producing, assessing and learning from working with basic design and crafts. The use of digital tools working with craft-products and services. Creativity is</p>	<p>instruction in: Cultivation of plants, Animal- and fish husbandry, Nature-based hunting, gathering and fishing, Processing raw materials, Production and marketing, Maintenance of buildings, vehicles etc.</p> <p>Perform simple calculations of material consumption and yield</p> <p><i>II. Nature-based activity</i></p> <p>Participating in and developing nature-based commercial activity.</p> <p>Year 2 Horticulture and Agriculture</p> <p>Tutoring is school based with theoretical lessons and practical work in school workshop and placements in companies. Total number of lessons is 980, divided between common core subjects (503) and programme subjects (477)</p> <p>Programme subjects:</p> <p><i>I. Production and Service in agriculture and Horticulture</i></p> <p>CA: Participate in an company for plant production, gardening or other plant related companies. Plan and carry out work tasks in propagation, pest control, planting, maintenance etc.</p>	<p>Programme subjects:</p> <p><i>I. Construction in landscaping and sports facilities</i></p> <p>CA: Carry out work tasks in planning and construction of hardscape elements. Carry out work tasks in establishment of turfs and plantations.</p> <p><i>II. Operation and maintenance</i></p> <p>CA: Carry out work tasks in the maintenance of gardens, parks, recreational areas and sports facilities.</p> <p>Core elements in interdisciplinary themes:</p> <ul style="list-style-type: none"> - democracy and citizenship - public health and coping with life - sustainability
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	<p>central in designing and choosing way of working. Basic craftsmanship and craft design in a local, national and international perspective. Shape, colour, materials, tools, techniques and function related to the market and customers use and experience of craft products. <u>Health, environment and safety</u> related to the physic and psychosocial work environment.</p> <p>Year 2: Floral Design Tutoring is school based with theoretical lessons and practical work in schoolwork shop and placements in flowershops. See Annex 2. Total number of lessons is 980 divided between common core subjects (Norwegian, English, Society-subject and physical education) (503) and programme subjects (477). Programme subjects: I. Production CA: Developing different flower-products and services by using actual expressions and techniques. This means planning, producing, and developing skills for designing</p>	<p>II. <i>Management and operation</i> CA: Participate in management, logistics and business control of a plant related enterprise.</p> <p><i>Core elements in interdisciplinary themes:</i> - <i>democracy and citizenship</i> - <i>public health and coping with life</i> - <i>sustainability</i></p>	
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	<p>with flowers by using different techniques, tools and botanical materials. Creativity, innovation and awareness about ethics are important in the process, together with choosing work methods. Relations between colour, shape and material-characteristics is a part of the subject, together with routines for providing <u>health, environmental and safety</u> in the work with flowers</p> <p>II. Product development</p> <p>CA: Planning and developing products and services in and connected to Floral Design. Documentation, presentation, quality assurance and self-assessment of floral designs and work processes is a part of it. Quality assurance means communication and presentation of its own products. Relations between the market, economics and production are elements in the subject, together with ethical issues and <u>health-, environment- and</u></p>		
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	<p><u>safety-regulations</u>, and use of digital tools.</p> <p>Core elements in interdisciplinary themes:</p> <ul style="list-style-type: none"> - democracy and citizenship - public health and coping with life - sustainability 		
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EQF 4	<i>Floral Design</i>	<i>Horticulture / Gardening</i>	<i>Landscaping</i>
	<i>Responsible: The Norwegian Directorate for Education and Training</i>	<i>Responsible: The Norwegian Directorate for Education and Training</i>	<i>Responsible: The Norwegian Directorate for Education and Training</i>
	Year 3 and 4: Apprenticeship in Floral Design The programme subjects are Production and Design with flowers. I. Production CA: Working with disciplines within Floral Design, customizing different expressions, using techniques and tools, developing craft skills, using botanical materials and principles for composition, the characteristics of different botanical materials, material consumption and price, <u>health, environment and safety</u> , using digital tools, and documentation of the processes. II. Design with flowers	Year 3: Gardening Tutoring is school based with theoretical lessons and practical work in school workshop and placements in companies for 6 weeks. The majority lesson (925 of 980) are devoted to four programme subjects: <i>Plant production, Plant usage, Sale and The Horticultural Company</i> . CA: Plan and carry out a production or a plant related service in the horticultural sector. Understand how to establish and manage a horticulture-related business Core elements in interdisciplinary themes: - democracy and citizenship - public health and coping with life - sustainability	Year 3 and 4: Apprenticeship in a landscaping business CA: Plan, construct and maintain elements of a garden, landscape or urban area. Understand how to establish and manage a landscaping-related business. Course title: Sports facilities operator
			<i>Responsible: The Norwegian Directorate for Education and Training</i>
			Year 3 and 4: Apprenticeship in a sports facilities company.
			CA: Plan, construct and maintain a sports turf and related amenities. Understand how to establish and

	<p>CA: Concretizing and arguing ideas from an aesthetic and ethic point of view, and the customer needs. Reviewing the materials condition, informing and communicating with customers, analysing trends, performing simplified market analyzes, self-evaluation-of the products and using digital tools</p> <p>Core elements in interdisciplinary themes:</p> <ul style="list-style-type: none"> - democracy and citizenship - public health and coping with life - sustainability 		manage a company in the sports facilities sector
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EQF 5	Course title: Botanical Design and Management	Course title: Management, maintenance and design of green areas.	Course title: Management in Landscaping
	<i>Responsible: Vea - Norway's Green Tech. College</i>	<i>Responsible: Vea - Norway's Green Tech. College</i>	<i>Responsible: Vea - Norway's Green Tech. College</i>
	<p>Course extend is equivalent to a 1,5-year full-time course. Offered as a combined web-based/in place course over 2-3 years.</p> <p>Web-based tutoring comprises real time lectures, videos, etc. In place tutoring consists predominantly of practical activities and excursions.</p> <p>The course consists of three modules.</p> <p>Module I: Product development in floristry</p> <p>Subjects: Floristry in-depth study and Botany Product development and Cultural understanding</p> <p>CA module I: How to develop botanical products in or related to floristry, with focus on the craft,</p>	<p>Course extend is equivalent to a 1,5-year full-time course. Offered as a combined web-based/in place course over 2-3 years.</p> <p>Web-based tutoring comprises real time lectures, videos, etc. In place tutoring consists predominantly of practical activities and excursions.</p> <p>The course consists of three modules.</p> <p>Module I Garden design</p> <p>Subjects: Practical garden planning and design Plant anatomy. Plant nomenclature and identification. Choosing appropriate plants for your soil and climatic conditions Technical landscaping – paths, stones and tiles. Drainage.</p> <p>CA module I: Plan, design and create public and private green areas at an</p>	<p>Course extend is equivalent to a 1,5-year full-time course. Offered as a combined web-based/in place course over 2 years.</p> <p>Web-based tutoring comprises real time lectures, videos, etc. In place tutoring consists predominantly of practical activities and excursions. The course comprises three weeks of placement in a relevant company.</p> <p>Subjects: Planting and maintaining green areas. Geo- and hydro engineering Outdoor constructions and installations Land surveyance Entrepreneurship of small to medium sized business' – management, economy and marketing Entrepreneurship in landscaping: Management in landscaping,</p>

	<p>creativity and innovation.</p> <p>Module II: Concepts development and management in floristry</p> <p>Subject: Concept development and Cultural understanding Innovation in floristry and Botany Management in floristry and Tutoring</p> <p>CA module II: Development of innovative flower design concepts adapted to the market, including marketing, management, sales and service management connected to floristry.</p> <p>Module III: Entrepreneurship Subjects: Organization, leadership and administration Business control and company establishment Sales and marketing</p>	<p>advanced level. Possess a working knowledge of constructing technical garden elements.</p> <p>Module II: Maintenance of green areas Subjects: Maintenance of technical element Maintenance of plant elements</p> <p>CA module II: Plan and carry out maintenance of plant- and technical elements in green areas.</p> <p>Module III: Entrepreneurship Subjects Organization Business control and Company establishment Sales and Marketing</p> <p>CA module III: Establish and lead a small or medium sized business in the amenity gardening-sector.</p>	<p>Leadership in landscaping businesses, Tenders and Contracts Implementation, Quality control, Apprentices. Completion and handing over a project to client.</p> <p>CA: plan, construct and maintain technical landscaping elements of gardens, parks and urban green areas at an advanced level. Possess a working knowledge of culturing and maintaining plant elements.</p> <p>Build and maintain landscape-related structures and installations. Construct landscape-related buildings.</p> <p>Manage a construction site. Liaise with stakeholders and clients.</p> <p>Handle tendering and contracting.</p> <p>Establish and manage a small or medium sized company in the landscaping sector.</p>
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	CA module III: Establish and manage a small or medium sized business in the floristry sector, business control and quality assurance, development of sales and marketing strategies, professional leadership.		
	Special expertise competence: Course title: Experimental expressions with plant materials	Special expertise competence: Course title: Heritage gardening	Special expertise competence: Course title: Local storm-water disposal
	<i>Responsible: Vea - Norway's Green Tech. College</i>	<i>Responsible: Vea - Norway's Green Tech. College</i>	<i>Responsible: Vea - Norway's Green Tech. College</i>
	<i>Contents of the program:</i>	<i>Contents of the programme:</i>	<i>Contents of the program:</i>
	<p>Course extend is equivalent to a half a year full-time course. Offered as a combined web-based/in place course over 1 year.</p> <p>Web-based tutoring comprises real time lectures, videos, etc. In place tutoring consists predominantly of practical activities and excursions. Two of the gatherings are implemented abroad (Sweden and</p>	<p>Course extend is equivalent to one year of full-time study. Offered as a combined web-based/in place course over two years.</p> <p>Web-based tutoring comprises real time lectures, videos, etc. In place tutoring consists predominantly of practical activities and excursions.</p> <p>The course consists of two modules. Module I, Restoration of Heritage gardens: Subjects:</p>	<p>Course extend is equivalent to ½ year full-time course. Offered as a combined web-based/in place course over a year. Web-based tutoring comprises real time lectures, videos, etc. In place tutoring consists predominantly of practical activities and excursions.</p> <p><i>Subjects:</i> Hydro engineering: Constructing water- and sewage systems</p>

	<p>Italy)</p> <p>Experimental expressions with plant materials focuses on the plant materials aesthetic and technical possibilities. It gives the competence of using the plant material in three directions: free artistic expressions, design or craft, where a direction might be chosen through the education.</p> <p>Subjects:</p> <p>I. Craft experimentation and use of plant materials</p> <p>II. Idea and concept development</p> <p>CA: Craft experimentation and use of plant material in combination with other handicrafts Idea- and concept development that includes project management in creative works, exhibition techniques, communication and dissemination</p>	<ul style="list-style-type: none"> History of gardens (history of design, sources to garden history, national and international gardens, legislation and regulation related to restauration) Use of plants (planning and design of the historic garden, plant use in history, garden survey, use of historic methods and tools in gardening etc), Technical landscaping (authentic methods and materials, standards and legislation) Project planning <p>CA module I: Plan and carry out restauration of historical gardens, parks and other green areas.</p> <p><i>Module II Maintenance of heritage gardens Subjects:</i></p> <ul style="list-style-type: none"> Garden maintenance in a historical perspective Maintenance of plant elements (historical methods and tools, arboriculture) Project planning in garden maintenance. <p>CA module II: Plan and carry out</p>	<p>Urban runoff mitigating structures: Function and effects Project planning and implementation.</p> <p>CA: Plan and build urban runoff-mitigating structures involving green infrastructure and integrated water management.</p>
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		maintenance of historical gardens, parks and other green areas.	
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Assessment procedures		Country:	Norway
		Partner:	Vea
Occupation:	Floral Design	Horticulture / production	Landscaping
EQF level:			
3	Design and Crafts Floral Design	Agriculture, Fishing and Forestry Horticulture and Agriculture	Agriculture, Fishing and Forestry Landscaper and sports facilities operator
	Responsible: The local school and local authority.	Responsible: The local school and local authority.	<i>Responsible:</i> The local school and local authority.
	Overall achievement-grade in all subjects, based on formative assessments. All common core subjects may have a theoretical written or oral examination (decided by the local authority). The pupil work with an interdisciplinary practical examination covering the programme subjects for 2 days: the first theoretical and the second practical.	Overall achievement-grade in all subjects, based on formative assessments. All common core subjects may have a theoretical written or oral examination (decided by the local authority). The pupil work with an interdisciplinary practical examination for 1 day, covering the programme subjects. The examination is prepared and graded locally Grading scale: 1 - 6	Overall achievement-grade in all subjects, based on formative assessments. All common core subjects may have a theoretical written or oral examination (decided by the local authority). The pupil work with an interdisciplinary practical examination for 1 day, covering the programme subjects. The examination is prepared and graded locally

	The examination is prepared and graded locally Grading scale: 1 - 6		Grading scale: 1 - 6
4	Floral Design	Gardener	Landscaper and sports facilities operator
	<i>Responsible: At county level</i>	<i>Responsible: At county level</i>	<i>Responsible: At county level</i>
	The apprentice works with a practical interdisciplinary examination, with a duration of 14 days. A tripartite grading scale is used: - Passed with distinction - Passed - Failed	The pupil shall sit for an interdisciplinary practical examination covering the programme subjects. The examination is prepared and graded locally Grading scale: 1-6	The apprentice works with a practical interdisciplinary examination, with a duration of 7 days. A tripartite grading scale is used: - Passed with distinction - Passed - Failed
5	<i>Experimental expressions with plant materials</i>	Management of Parks and Gardens	Management in Landscaping
	<i>Responsible: Vea - Norway's Green Tech. College</i>	<i>Responsible: Vea - Norway's Green Tech. College</i>	<i>Responsible: Vea - Norway's Green Tech. College</i>
	Formative assessments during the education. The exam is a portfolio-examination that includes a documentation, a botanical expression combined with a performance. Both topics are represented in the	Formative assessments during the education. Exam is a case study in the form of a given out-door area. The assignment consists in creating specified plans. The designated assignment is handed out by the end of the course. Students are expected to carry out the assignment	Formative assessments during the education. Students sit for 5- hour written examinations in the subjects: Plant knowledge, Geo- and hydro engineering, and Entrepreneurship. Oral/ practical examination and

	<p>exam, with all the main learning outcomes.</p> <p>The assessment results in a final grade which reflects the student's final qualifications in Experimental expressions with plant materials.</p> <p>The exam is graded A-F.</p>	<p>within a limited period.</p> <p>In addition, students will sit for a 5-hour written exam in Entrepreneurship.</p> <p>Planning and Maintenance of Green Areas: Exam is a case study as described above.</p> <p>Maintenance of Green Areas: Examen is a case study as described above. The assignment is adjusted to cover the syllabus in this course.</p> <p>All exams are graded A-F</p>	<p>portfolio exam in the subjects: Outdoor constructions and installations, Land surveyance</p> <p>Exam in the subject Entrepreneurship in Landscaping is a project assignment.</p> <p>All exams are graded A-F</p>
	Botanical Design and Management	Heritage gardening	Local storm-water disposal
	<i>Responsible: Vea - Norway's Green Tech. College</i>	<i>Responsible: Vea - Norway's Green Tech. College</i>	<i>Responsible: Vea - Norway's Green Tech. College</i>
	<p>Formative assessments during the course, with summative assessment, with grades, on subject-tasks.</p> <p>The exam is a portfolio-examination that includes a documentation, a botanical product combined with an exposure and an</p>	<p>Formative assessments during the course, with summative assessment, with grades, on subject-tasks.</p> <p>Exam is a case study of a garden, park or green area chosen by the student. The assignment consists in creating a restauration and maintenance plan in accordance to a designated task, that is</p>	<p>Formative assessments during the course, with summative assessment, with grades, on subject-tasks.</p> <p>Exam is an authentic assignment in the form of a project plan for the establishment of a storm water disposal structure. The assignment is handed out by the end of the course</p>

	<p>oral hearing.</p> <p>All eight topics are represented in the exam, with all the main learning outcomes.</p> <p>The assessment results in a final grade which reflects the student's final qualifications in Botanical design and Management.</p> <p>The exam is graded A-F.</p>	<p>handed out by the end of the course. Students are expected to carry out the assignment within a 2-week period.</p> <p>The exam is graded A-F.</p>	<p>and has a two-week submission deadline.</p> <p>The exam is graded A-F.</p>
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Certificates/diplomas after assessment		Country:	Norway
		Partner:	Vea
Occupation:	Floristry	Horticulture/production	Landscaping
EQF level:			
3	Design and crafts (year 1) Floral Design (year 2)	Agriculture, Fishing and Forestry (year 1) Horticulture and Agriculture (year 2)	Agriculture, Fishing and Forestry (year 1) Landscaping (year 2)
	<i>Responsible: At county level (and the local school)</i>	<i>Responsible: At county level (and the local school)</i>	<i>Responsible: At county level (and the local school)</i>
	<i>Certificate of competence - completed or partly completed as a training candidate</i>	<i>Certificate of competence - completed or partly completed</i>	<i>Certificate of competence - completed or partly completed as a training candidate</i>
4	Floral Design	Gardener	Landscaper / Sports facilities operator
	<i>Responsible: At county level (and the local school)</i>	<i>Responsible: At county level (and the local school)</i>	<i>Responsible: At county level (and the local school)</i>
	<i>Craft certificate (Journeyman certificate)</i>	Diploma vg 3	Craft certificate (Journeyman certificate)
5	Master of Crafts in Floral Design	Gardener	Master of Crafts in Landscaping
	National Board of Masters of Skilled Crafts		National Board for Masters of Skilled Crafts
	Mesterbrev – Master of Skilled		Mesterbrev – Master of Skilled Craft

	<p>Craft Certificate</p> <p>The certificate can be issued to students who have completed the course Botanical design and management. Minimum grade for exam in entrepreneurship is D. In addition, the applicant should have a minimum of two years of employment in the floristry sector.</p>		<p>Certificate</p> <p>The certificate can be issued to students who have completed the course Management of Landscaping. Minimum grade for exam in entrepreneurship is D. In addition, the applicant should have a minimum of two years of employment in the landscaping sector.</p>
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Learning outcomes EQF5 | Floral Design/Floristry

- European Green Mastery

Botanical Design and Management

Knowledge

The candidate:

- has knowledge about terminology, processes and tools relevant for floral design and innovation in floristry
- has insight in regulations, agreements and demands in quality requirements for floral design and industry
- has knowledge about the floral industry and knows the occupational field, both in a traditional and future-oriented way
- can update his/her own floral knowledge, based on expertise in floral design and knowledge from other aesthetical occupations/fields
- understands the significance of floristry and floral industry in a society- and wealth creation-perspective
- understands the multicultural society and the demands for use of flowers in different cultural ceremonies
- has knowledge about company establishment, demands and regulations for companies
- has knowledge about organization and management theories and corporate culture
- has knowledge about financial management, sales and marketing for the craft business
- has knowledge about the use of digital tools in the planning, marketing and ecommerce

Skills

The candidate:

- can apply professional knowledge about practical and theoretical issues within floral specialization and development
- is able to use relevant tools, materials, techniques and form of expression for strengthening the profession, and create floral and industry-related innovation
- can collect floral inspiration and information national and international, relevant for development of the craft, products and sale methods
- is able to map floral issues in the market, identify the needs and implement measures in product development, sales and exposure
- can use relevant digital channels for procurement and ecommerce
- is able to establish a company

- can inform, tutor and instruct employees/staff members in an expedient/appropriate way, customized for being a Manager in a Flower shop

General competence

The candidate:

- understands ethical principles when working in the florist profession
- can develop and innovate floristry customized for various markets and target groups
- can develop the floral profession based on different cultures in a global and future-oriented perspective
- can work in an active and purposeful way, building relations in the floral industry and other industries, establishing and maintaining national and international networks
- can develop profitable and innovative working methods, products and services in floral profession, lead and guide the employees/staff members in creative processes
- can manage, develop and run a business/company, answering to ethical demands and guidelines

Experimental expressions with plant materials

Knowledge

The candidate

- has knowledge of vocational concepts, processes, techniques, materials and tools used in the various craft subjects
- has insight into the regulations for use of nature
- has knowledge of history, culture and tradition associated with craftsmanship and the use of plant materials
- has knowledge of a range of plant materials' expressions, properties and applications
- has the knowledge to create displays, experiences and the use of space with emphasis on plant materials and lights
- has the knowledge of organization and how to lead creative projects
- has knowledge of different concepts in art, handicraft and design

Skill

The candidate

- know how to use professional concepts, apply the knowledge about visualization techniques, design processes, and creative methods in their product development process
 - know how to find and use information about plant material in a design process
 - is able to use plant materials in new combinations, with new techniques and in new contexts
 - know how to experiment with plant materials in combination with other materials, in a conscious and independent way linked to their own professional practice
 - know how to create experiences with the use of plant materials in various forms of displays
 - know how to take environmental considerations and have respect for nature and its surroundings
 - use relevant means of technology in communicating with others
 - can use knowledge of management and organization of projects in art, design or craft
- can create concepts which communicates

General competence

The candidate

- know how you can lead the planning, implementation and organization of practical and creative projects
- know how to develop products and concepts related to plant material and apply relevant product development methods, tools and techniques
- know how to plan and develop concepts where, among other elements, plant materials are involved
- know how build networks with their own and other disciplines and recruit relevant partners in the development of new concepts
- know how can contribute to further development of craftsmanship culture in their own craft, in accordance with market demands for innovation and development of craft disciplines • understands the environmental perspective and see the opportunities in the reuse and recycling in their own craft
- can use technology as tool for communication

Naturbasert produksjon	Nature-based production	
Mål for opplæringen er at eleven skal kunne	Competence goals	Learning outcomes
utføre arbeidsoppgaver knyttet til stell av planter basert på kunnskaper om planter miljøkrav	Perform tasks related to the cultivation of plants based on knowledge of the plant's requirements to climate and growth substrate	<u>Knowledge</u> The candidate: -can identify, classify and present a selection of species and materials -can make a qualified choice of tools, instruments and equipment's in a range of nature-based productions -can identify, classify and present a selection of species and materials relevant to nature-based production -can plan and perform work tasks and activities in accordance with relevant standards, quality control systems, and health and safety regulations.
utføre arbeidsoppgaver knyttet til stell av dyr eller fisk basert på etiske retningslinjer og kunnskaper om organismenes miljøkrav	Perform work tasks related to animal- and fish husbandry based on ethical standards and the organisms' requirements	
utføre arbeidsoppgaver innen produksjon og høsting eller fangst	Perform tasks in production, harvesting and exploitation	
utføre enkel bearbeiding av råstoff	Perform simple processing of raw materials	
beskrive og presentere et produkt rettet mot en aktuell målgruppe	Describe and present a product to a specific target group	
identifisere, klassifisere og presentere et utvalg arter og materialer	Identify, classify and present a selection of species and materials	
foreta enkle beregninger av råvare- og	Perform simple calculations of material	

materialforbruk, og kunne beregne utbyttet i produksjonsprosessen	consumption and yield of a production	<u>Skills</u> The candidate: -can perform work tasks under guidance and instruction in: <ul style="list-style-type: none"> • cultivation of plants • animal- and fish husbandry • nature-based hunting, gathering and fishing • processing raw materials • production and marketing • maintenance of buildings, vehicles equipment and instruments -can perform simple calculations of material consumption and yield -use consumer manuals for equipment used in a production -can use correct working technique, protection and choose adequate clothing for work under different conditions -can perform fire extinguishing and give first aid assistance in accordance with current demands
velge og bruke riktig redskap, utstyr og instrumenter i tilknytning til produksjonen	Choose and use correct tool, equipment and instruments in a production	
foreta enkelt ettersyn av aktuelle framkomstmidler, motorer, redskaper, utstyr og instrumenter	Perform simple maintenance of vehicles, engines, tools and instruments	
følge bruksanvisning og bruke manual for utstyr som benyttes i produksjonen	Use consumer manuals for equipment used in a production	
velge og bruke materialer ut fra arbeidsoppdrag og materialets egenskaper	choose appropriate materials for a specific work task, based on material properties and the nature of the task	
utføre enkelt vedlikehold på bygninger og installasjoner som benyttes i produksjonen	Perform simple maintenance of buildings and installations used in a production	
planlegge og gjennomføre arbeid og aktiviteter i tråd med gjeldende yrkesmessige krav til utførelse, helse, miljø og sikkerhet og kvalitetssystemer	plan and perform work tasks and activities in accordance with relevant standards, quality control systems, and health and safety regulations.	
bruke riktig arbeidsteknikk, verne- og sikkerhetsutstyr og velge hensiktsmessig påklledning for arbeid og aktiviteter under ulike forhold	Use correct working technique and protection and choose adequate clothing for work under different conditions	
utøve brannvern og førstehjelp i tråd med gjeldende krav	Perform fire extinguishing and give first aid assistance in accordance with current demands	<u>Competence</u> The candidate: -can participate in a production in agriculture, fishing and hunting/ gathering, using appropriate materials, tools equipment and working methods that are
dokumentere gjennomført opplæring i forhold til IMO 60 (gjelder kun for elever som har fiske og fangst som en av produksjonene)		

		appropriate to the task and safe to environment and staff involved
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VG 1 Naturbasert aktivitet	Nature- based activity	
Mål for opplæringen er at eleven skal kunne	Competence goals	Learning outcome
beskrive eksempler på produkt- og næringsutvikling basert på lokale naturressurser og lokal kultur og tradisjon	Describe examples of products and businesses based on local natural resources and local culture and tradition	<u>Knowledge</u> The candidate: -has an understanding of ecology, sustainable development, and ethic norms in natural exploitation -has knowledge of a range of products and businesses based on local natural resources and local culture and tradition -has knowledge of and can follow legislation and regulations in the area of nature-based activity <u>Skills</u> The candidate: -can develop nature-based activities in tourism, health and care services, for educational purposes, and into new products and services. -can present nature-based activities to a chosen target group -can orientate in nature using relevant aids -can choose and use equipment and clothing suitable to a situation and conditions -can assess risks and ensure personal safety <u>Competence:</u> The candidate can plan, carry out and evaluate a
planlegge, gjennomføre og vurdere en eller flere naturbaserte aktiviteter med tanke på anvendelse innen turisme, helse og omsorg, pedagogisk tilrettelegging og i nye produkter og tjenester	Plan, implement and evaluate one or more nature-based activities with a regard to tourism, health and care services, educational facilitation, and in new products and services.	
presentere naturbaserte aktiviteter for en valgt målgruppe	present nature-based activities to a chosen target group	
orientere seg i naturen ved hjelp av yrkesrelevante hjelpemidler	Orientate in nature using relevant aids	
velge og bruke utstyr og bekledning etter situasjon, naturforhold og klima og utføre enkelt vedlikehold på utstyret	Choose and use equipment and clothing suitable to a situation and weather and climate conditions and perform simple maintenance of the equipment	
vurdere risiko og ivareta egen sikkerhet under utførelse av naturbaserte aktiviteter og utføre disse innenfor gjeldende rammebetingelser og regelverk	Assess risks and ensure personal safety during nature-based activities, and exercise the activities within current given limitations and regulations	
beskrive bærekraftig utvikling og ressursforvaltning og vurdere hvordan naturbaserte produkter og tjenester kan utvikles innenfor denne rammen	Describe sustainable development and resource management and evaluate how nature-based activities and products can be developed within this framework	

beskrive likheter og forskjeller i yrkesutøvelsen i ulike typer naturbruk	Describe different kinds of nature-based exploitation	commercial, nature-based activity in hunting, fishing and gathering, tour-guiding and nature- based health and care services, in a safe and environmentally sustainable way
beskrive og begrunne bruk av natur ut fra økologisk forståelse og etiske normer	Describe and argue for exploitation of nature based on ecological understanding and ethic norms.	

Landbruk og gartnernæringen VG 2 Produksjon og tjenesteyting		Agriculture and gardening VG2 Production and service	
Mål for opplæringen er at eleven skal kunne	Competence goals	Learning outcome	
planlegge, gjennomføre og dokumentere arbeidsoppgaver i naturbaserte produksjoner og aktiviteter og vurdere utførelse, kvalitet og lønnsomhet	Plan, implement and document work tasks in nature-based productions and activities. Assess workmanship, product quality and of production profitability	<u>knowledge</u> The candidate: -has knowledge the requirements of a range of productions animals -has knowledge of the requirements of a range of plants and crops -has an understanding of the value of re-use and multiuse of resources in nature-based productions -has knowledge of environmental impact and can suggest alternative sources of energy in agriculture and horticulture -understands the main differences between organic and conventional agriculture and horticulture -has knowledge of legislation relevant to nature-based production and service <u>Skills:</u> The candidate can: -plan, implement and document work tasks in nature-based productions and activities. -carry out work tasks in horticulture and	
utføre arbeidsoppgaver i landbruk og gartnernæring ut fra produksjonens egenart, organismenes biologi og krav til stell	Carry out work tasks in horticulture and agriculture in a way appropriate for the type of production and the requirements of plants and/or animals involved.		
dokumentere kvaliteten av prosesser og produkter etter gjeldende sertifiseringsordninger for matkvalitet og miljø	Document quality of processes and products in accordance with certification regulations in force in food quality and environment		
gjøre rede for prinsipielle forskjeller mellom økologiske og konvensjonelle driftsformer	Describe principal differences between organic and conventional horticulture and agriculture		
utføre en produksjon etter prinsippene for økologisk drift etter gjeldende regelverk	carry out an organic production in accordance with regulations in force		
bruke digitale verktøy i planlegging, gjennomføring og dokumentasjon av en naturbasert produksjon	apply digital tools in planning, implementation and documentation of a nature-based production		
innhente og bruke informasjon fra faglitteratur, medier og offentlig forvaltning om en aktuell aktivitet eller produksjon i landbruks- og gartnernæring	obtain and use information from textbooks, media and public administration on a current activity or in a production in the agriculture and horticulture sectors		

utføre yrkesrelaterte aktiviteter i naturen under varierende forhold, vurdere risiko og ivareta egen sikkerhet	perform occupational activities in nature under varying conditions, assess risk and safeguard own safety	<p>agriculture</p> <ul style="list-style-type: none"> -document quality and products in accordance with certification regulations in force in food quality and environment -carry out an organic production in accordance with regulations in force -apply digital tools in planning, implementation and documentation of a nature-based production - obtain and use information from textbooks, media and public administration on a current activity or in a production in the agriculture and horticulture sectors - perform occupational activities in nature under varying conditions, assess risk and safeguard own safety - assess risks against current HES-regulations related to nature-based work tasks and activities -compile a health- and environment safety system for a nature-based activity or production -use and maintain vehicles, buildings and equipment in accordance with current legislation and standards <p><u>Competence:</u> The candidate can: -participate in nature-based productions and</p>
vurdere risiko knyttet til naturbaserte arbeidsoppgaver og aktiviteter og arbeide i samsvar med gjeldende regelverk for helse, miljø og sikkerhet	assess risks against current HES-regulations related to nature-based work tasks and activities	
utarbeide et helse-, miljø- og sikkerhetssystem knyttet til en naturbasert aktivitet eller produksjon	compile a health- and environment safety system for a nature-based activity or production	
bruke og vedlikeholde kjøretøy, maskiner, bygninger og teknisk utstyr etter gjeldende forskrifter og standarder	use and maintain vehicles, buildings and equipment in accordance with current legislation and standards	
foreslå tiltak for gjenbruk og flerbruk av ressurser i naturbaserte produksjoner	Suggest ways of re-use and multiuse of resources in nature-based productions	
foreslå miljøtiltak og energiøkonomiseringstiltak og vurdere alternative energikilder i landbruk og gartneri	Suggest ways of reducing impact on natural environment and alternative sources of energy in agriculture and horticulture	

		activities -evaluate workmanship, product quality and production profitability -carry out work tasks in horticulture and agriculture in a way appropriate for the type of production and the plants and/or animals involved
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Landbruk og gartnernæringen VG2 Forvaltning og drift		Agriculture and Gardening VG2 Management and Operations	
Mål for opplæringen er at eleven skal kunne	Competence goals	Learning outcome	
kartlegge naturtyper og vurdere muligheter for næringsdrift basert på lokale naturressurser, og gi eksempler på hvordan næringsutøvelsen påvirker lokalsamfunnet, miljøet og det biologiske mangfoldet	map nature types and assess opportunities for business operations based on local natural resources, and give examples of how the business practice affects the local community, the environment and biodiversity	<u>Knowledge:</u> The candidate - has knowledge of a range of nature-based products and productions -has knowledge of traditions associated with nature-based production, and its role in the local community	
foreslå nye produkter basert på lokale naturressurser og vurdere muligheter for etablering av ny virksomhet i samsvar med gjeldende regelverk, etiske og økologiske prinsipper	Suggest new products based on local natural resources and assess opportunities for starting up new commercial activities in accordance with regulations and ethic and environmental principles	-has knowledge of impact on environment of nature-based activities -has knowledge of costumer-expectations to assortment and quality and describe what professional costumer care means.	
gi eksempler på krav kunder stiller til produktutvalg og kvalitet i landbruk og gartnernæring, og gjøre rede for hva profesjonell	Give examples of costumer-expectations to assortment and quality and describe what professional costumer care means.	-has a knowledge of central elements in proper financial management -can describe ownership and types of company	

kundebehandling innebærer		organisation
vurdere arealbruken i et aktuelt område ut fra prinsipper for bærekraftig ressursforvaltning	Assess the area use in a given area based on principles for sustainable resource management	-has insight into upstart of new businesses in agri- and horticulture, and understands the purpose and content of a business plan
gjøre rede for gangen i en bedriftsetablering og forklare hensikten med og innholdet i en forretningsplan	Describe the process of starting op a company and the purpose and content of a business plan	-understands the concepts of proper financial management and correct accounting in agricultural business
gjøre rede for eierskap og eieformer og beskrive tradisjoner som er knyttet til forvaltning av eiendommer med naturressurser	Describe ownership and types of company organisation and describe traditions related to management of property with natural resources	Skills: -can assess the area use in a given area based on principles for sustainable resource management
klargjøre et valgt produkt for salg og gjøre rede for noen salgs- og omsetningsformer i landbruk og gartneri	Prepare a product for sale and describe sales channels in horticulture and agriculture	-can prepare a product for sale and describe sales channels in horticulture and agriculture
beskrive sentrale elementer i god økonomistyring og benytte dataverktøy til en enkel økonomisk oversikt for en naturbasert produksjon	Describe central elements in proper financial management and apply digital tools in financial management	-can prepare accounting documents, interpret key numbers and explain the meaning of correct accounting in the agricultural and gardening sector
klargjøre bilag for regnskapsføring, tolke nøkkeltall og forklare betydningen av korrekt regnskapsføring i en virksomhet i landbruk og gartneri	Prepare accounting documents, interpret key numbers and explain the meaning of correct accounting in the agricultural and gardening sector	-can apply digital tools in management -describe professional staff management. Plan a work task involving several persons, supervise and evaluate the task
gjøre rede for krav til profesjonell arbeidsledelse, planlegge en naturbasert arbeidsoppgave som skal utføres av flere personer, lede gjennomføringen og evaluere arbeidet	Describe professional staff management. Plan a work task involving several persons, supervise and evaluate the task	<u>General competence</u> The candidate: - can assess and develop business opportunities in an area of nature or cultivated land, taking into consideration effects on environment and the local community - can assess opportunities for starting up new

		nature-based business, and can develop new products -can participate in the upstart and in financial- and staff management of a nature-based business
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Gartnærnering VG3 Planteproduksjon		Gardening VG3 Plant Production
Mål for opplæringen er at eleven skal kunne	Competence goals	Learning outcome
planlegge og gjennomføre dyrking av høyerestående planter ved bruk av både konvensjonelle og økologiske metoder og dokumentere produksjonsprosesser	plan and carry out a plant production by conventional or organic methods and document the production processes	<u>Knowledge</u> The candidate can: -describe anatomy, morphology and physiology of higher plants and choose production method based on properties and environmental requirements of the plants -explain how cultivation method is connected to yield in plant production -assess methods for saving energy and materials, and reduce waste <u>Skills</u> The candidate can: -control plant development by pruning, shaping, irrigation, fertilizing and climate control, and by chemicals in accordance with regulations in force -identify common physiological damage, pests and beneficiary organisms -prevent, register and treat disease and damage to plants and use pesticides in accordance with regulations in force -assess properties of soil types and growth media
gjøre rede for høyerestående planters anatomi, morfologi og fysiologi og velge produksjonsmetode ut fra plantenes egenskaper og miljøkrav	describe anatomy, morphology and physiology of higher plants and choose production method based on properties and environmental requirements of the plants	
styre utviklingen av en plante gjennom skjæring, forming, vanning, gjødsling og klimaregulering, og med kjemiske midler i tråd med gjeldende regelverk	control plant development by pruning, shaping, irrigation, fertilizing and climate control, and by chemicals in accordance with regulations in force	
identifisere vanlige fysiologiske skader, skadegjørere og nytteorganismer	identify common physiological damage, pests and beneficiary organisms	
forebygge, registrere og behandle sykdom og skade på planter og bruke plantevernmidler i samsvar med gjeldende regelverk	prevent, record and treat disease and damage to plants and use pesticides in accordance with regulations in force	
vurdere jordtyper og dyrkingsmediers egenskaper	assess properties of soil types and growth media	
planlegge og utføre arbeid med tilførsel av vann og næring under ulike dyrkingsforhold på en miljømessig forsvarlig måte	plan and carry out irrigation and fertilization under different cultivation regimes	
gjøre rede for ulike formeringsmetoder i planteproduksjonen og utføre planteformering	describe and carry out propagation by different methods	

utføre arbeidsoperasjoner på riktig tidspunkt i forhold til plantens utviklingsstadium for å få optimalt sluttprodukt	carry out work tasks at optimal time in a plants development in order to obtain optimal end product	-plan and carry out irrigation and fertilization under different cultivation regimes -describe and carry out propagation by different methods -apply common production methods for plant cultures in field and in protected surroundings -use and maintain equipment, machinery and buildings in accordance with regulations in force -use truck and tractor in plant production in accordance with current legislation -assess risks in plant productions and carry out work in accordance with current health, environmental and safety legislation.
bruke vanlige produksjonsmetoder i ulike plantekulturer på friland og i veksthus	apply common production methods for plant cultures in field and in protected surroundings	
bruke og vedlikeholde utstyr, maskiner, redskaper og bygninger i tråd med gjeldende regelverk	use and maintain equipment, machinery and buildings in accordance with regulations in force	
bruke truck og traktor i planteproduksjonen i samsvar med gjeldende regelverk	use truck and tractor in plant production in accordance with current legislation	
vurdere risiko i arbeid med planteproduksjon og utføre arbeid i tråd med gjeldende regelverk for helse, miljø og sikkerhet	asses risks in plant productions and carry out work in accordance with current health, environmental and safety legislation	
gjøre rede for sammenhenger mellom dyrkingsmetode og utbytte i planteproduksjon	explain how production method is connected to yield in plant production	
vurdere miljø- og energiøkonomiseringstiltak i planteproduksjon, vurdere muligheter for gjenbruk og flerbruk av innsatsfaktorer og resirkulering av avfall	assess environmental and energy economy measures in plant production, evaluate opportunities for reuse and multi-use of input factors and recycling of waste	<u>General competence</u> The candidate: -can develop and carry out a horticultural production with optimized product yield and - quality within the framework of current legislation and with a consideration of sustainability and natural environment -can document production processes and assess efficiency and profitability -can reflect over the environmental impact of a production and develop methods to save energy and materials and reduce waste.

Gartner VG3 Plantebruk		Gardener VG3 Use of plants
Mål for opplæringen er at eleven skal kunne	Competence goals	Learning outcomes
planlegge, gjennomføre og vurdere bruk av planter og planteprodukter som estetiske og kulturelle elementer	plan, implement and assess use of plants and plant products as aesthetic and cultural elements	Knowledge The candidate can: <ul style="list-style-type: none"> - describe use of plants and plant products in a historical perspective and assess potential for increased value by further processing - explain the importance of cultivated plants as a food source, medicine, and culinary experience - account for the importance of cultural plants as food, medicine and taste experience - explain legislations for use of pesticides in public spaces and living areas
beskrive bruk av planter og planteprodukter i et historisk perspektiv og vurdere potensialet for bearbeiding og videreforedling	describe the use of plants and plant products in a historical perspective and assess the potential for processing and processing	
gjøre rede for kulturplanters betydning som næringsmiddel, medisin og smaksopplevelse	account for the importance of cultural plants as food, medicine and taste experience	
identifisere og beskrive kulturplanter med norske og botaniske navn	identify and describe cultivated plants with Norwegian and botanic names	
identifisere planter som kan gi allergi eller forgiftning	identify poisonous and allergenic plants	
presentere skisser av et område basert på enkel registrering og oppmåling og foreslå beplantning som ivaretar hensyn til form, farge og formål	present sketches of an area based on simple registration and surveying and propose planting taking into consideration shape, colour and purpose	
vedlikeholde planter i ulike miljøer og optimalisere forholdene for plantene ved å ha rett vekst på rett sted og ulike planter i riktig kombinasjon	maintain plants in different environments and optimize the conditions for the plants by having the right growth in the right place and different plants in the right combination	Skills The candidate can: <ul style="list-style-type: none"> -identify and describe cultivated plants with Norwegian and botanic names -identify poisonous and allergenic plants -present sketches of an area based on simple registration and surveying and propose planting taking into consideration shape, colour and
gjøre rede for gjeldende regelverk ved bruk av plantevernmidler i offentlige rom og oppholdsrom	explain legislations for use of pesticides in public spaces and living areas	

		<p>purpose</p> <p>-maintain plants in different environments and optimize the conditions for the plants by having the right growth in the right place and different plants in the right combination</p> <p><u>General competence</u></p> <p>The candidate can:</p> <p>- plan, implement and assess use of plants and plant products as aesthetic and cultural elements</p>
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Gartner VG3 Omsetning		Gardener VG3 Sales and Marketing
Mål for opplæringen er at eleven skal kunne	Competence goals	Learning outcome
planlegge, gjennomføre og vurdere omsetning av planter og planteprodukter med utgangspunkt i de kravene kunder og marked stiller til produktutvalg og kvalitet	plan, implement and evaluate the sales of plants and plant products based on market and costumer requirements for product selection and quality	<u>Knowledge</u> The candidate: -can account for forms of retail in the horticultural sector -can account for framework conditions for the horticultural sector -can explain post-harvest processes in plants and plant products describe different storage methods for plant products -can describe and discuss cooperatives and other common company types related to sale and processing of horticulture products <u>Skills</u> The candidate: -can handle a sales situation with an emphasis on professional customer care -can prepare products for sale and calculate and set sales prize -can make exhibitions, plant arrangements, presentations and evaluate the use of packaging as part of the marketing -can assess quality and take out goods for sale at the
håndtere en salgssituasjon med vekt på profesjonell kundebehandling	handle a sales situation with an emphasis on professional customer care	
gjøre rede for omsetningsformer i gartner næringen	account for forms of retail in the horticultural sector	
gjøre rede for rammebetingelser for gartner næringen	account for framework conditions for the horticultural sector	
gjøre rede for prosesser i planter og planteprodukter etter høsting	explain post-harvest processes in plants and plant products	
klargjøre produkter for salg, kalkulere og fastsette pris på produktene	prepare products for sale and calculate and set sales prize	
lage utstillinger, plantearrangementer, presentasjoner og vurdere bruk av emballasje som ledd i markedsføringen	make exhibitions, plant arrangements, presentations and evaluate the use of packaging as part of the marketing	
vurdere kvalitet og ta ut varer for salg på rett tidspunkt med tanke på anvendelse og etterspørsel	assess quality and take out goods for sale at the right time with regard to use and demand	
gjøre rede for lagringsmetoder for planteprodukter	describe different storage methods for plant products	
utarbeide logistikk og ivareta kontrollrutiner og dokumentasjonskrav for lagring, pakking og	prepare logistics and attend to control procedures and documentation	

transport	requirements for storage, packaging and transport	right time with regard to use and demand -can prepare logistics and attend to control procedures and documentation requirements for storage, packaging and transport -can market plant products nationally and internationally in accordance with current regulations and follow routines for documentation <u>General competence</u> The candidate: -can plan, implement and evaluate the sales of plants and plant products based on market and customer requirements for product selection and quality
omsette planteprodukter på nasjonale og internasjonale markeder etter gjeldende regelverk og følge rutiner for dokumentasjon	market plant products nationally and internationally in accordance with current regulations and follow routines for documentation	
beskrive og vurdere samvirke og andre vanlige selskaps- og samarbeidsformer knyttet til omsetning og foredling av gartneriprodukter	describe and discuss cooperatives and other common company types related to sale and processing of horticulture products	

Gartner VG3 Gartnerbedriften	Gardener VG3 The Horticultural Company	
Mål for opplæringen er at eleven skal kunne	Competence goals	Learning outcomes
planlegge, gjennomføre og vurdere en gartnerrelatert produksjon og utarbeide et system for dokumentasjon og kvalitetskontroll i samsvar med gjeldende regelverk og standarder	Plan, implement and evaluate a horticulture related production and compile a system for documentation and quality control in accordance with current standards and legislations	<u>Knowledge</u> The candidate can: -consider opportunities to increase the value of the product through further processing -propose new gardening products based on local natural resources and consider opportunities for establishing new business in accordance with current regulations, ethical and ecological principles -account for duties and rights of employees and employers <u>Skills</u> The candidate can: -identify and test out gardening products and services in a market -carry out a cost-efficient horticultural production with focus on time efficiency, craftsmanship and precision -prepare simple budgets for operation and investments and use digital tools to compile a simple economical overview for a horticultural
identifisere og teste ut gartnerprodukter og -tjenester i et marked	identify and test out gardening products and services in a market	
vurdere muligheter for å øke verdien av produktet gjennom videre bearbeiding	consider opportunities to increase the value of the product through further processing	
foreslå nye gartnerprodukter basert på lokale naturressurser og vurdere muligheter for etablering av ny virksomhet i samsvar med gjeldende regelverk, etiske og økologiske prinsipper	propose new gardening products based on local natural resources and consider opportunities for establishing new business in accordance with current regulations, ethical and ecological principles	
gjøre rede for plikter og rettigheter som arbeidstakere og arbeidsgivere har, og bruke gjeldende regelverk som grunnlag for utforming av en arbeidsavtale	account for duties and rights of employees and employers and prepare an employment contract in accordance with current legislation	
gjennomføre en kostnadseffektiv og miljøvennlig gartnerproduksjon med vektlegging av tidsforbruk, håndlag og presisjon	carry out a cost-efficient horticultural production with focus on time efficiency, craftsmanship and precision	
sette opp enkle budsjetter for drift og	prepare simple budgets for operation and	

investering og bruke dataverktøy til å utarbeide en enkel økonomisk oversikt for en gartnerproduksjon	investments and use digital tools to compile a simple economical overview for a horticultural production	production -prepare a tender for a simple work assignment in horticultural production
utarbeide anbud i forbindelse med enkle arbeidsoppdrag i gartnerproduksjon	prepare a tender for a simple work assignment in horticultural production	-prepare an employment contract in accordance with current legislation
utføre arbeidsoppgaver på en ergonomisk riktig måte	carry out work operations in an ergonomically correct way	-carry out work operations in an ergonomically correct way <u>General competence</u> The candidate can: -plan, implement and evaluate a horticulture-related production and compile a system for documentation and quality control in accordance with current standards and legislations -develop a horticulture business by developing new products and services

Anleggsgartner VG2 Nyanlegg		Landscaper VG2 New installations
Mål for opplæringen er at eleven skal kunne	Competence goals	Learning outcomes
planlegge og utføre oppgaver i nyanlegg etter gjeldende regelverk, standarder, planer og beskrivelser, vurdere og dokumentere eget arbeid	plan and carry out tasks in new installations in landscaping in accordance with current legislation, standards and descriptions, evaluate and document their own work	<u>Knowledge</u> The candidate: - has an understanding of ecology and can explain nature's cycles - can explain climatic influence on the construction of different types of new installations - can describe the organisation of a company by type of enterprise and organizational chart. - can describe conditions of competition and the fluctuating outline conditions in the sector - understands the connection between quality in execution and later maintenance work on new installations - has a knowledge of and can choose between relevant tools, machines, and materials used in new installations in landscaping - can assess suitability of different soil types for planting and implement soil improvement procedures
bruke digitale verktøy i planlegging og rapportering	use digital tools in planning and documenting	
velge og bruke aktuelt verktøy, aktuelle redskaper, maskiner og utstyr etter gjeldende regelverk og standarder	choose and use relevant tools, machines and equipment in accordance with current legislation and standards	
bruke aktuelt landmålingsutstyr i nyanleggsarbeid	use tools for land surveyance in new installations	
velge og bruke materialer ut fra deres egenskaper og begrensninger	select and use materials based on their properties and limitations	
vurdere ulike jordarters egnethet for vegetasjonsetablering og foreta jordforbedringstiltak	assess suitability of different soil types for planting and implement soil improvement procedures	
behandle vekstmedier og tilføre næringsstoffer og jordforbedringsmidler i riktig mengde	process growth substrate and apply fertilizers and other soil improving substances in correct doses	
identifisere vanlige planter i ulike anleggstyper og bruke plantemateriale ut fra fysiologi og miljøkrav	identify common plants used in landscaping, and make a choice of suitable plants for a given plantation based on physiology and requirements to growth	<u>Skills</u> The candidate can: - use relevant tools, machines and equipment in

	conditions	accordance with current legislation and standards
behandle og bruke løsmasser til ulike formål	process and use deposits for different purposes	-use digital tools in planning and documenting -use tools for land surveyance in new installations
montere aktuelle installasjoner og konstruksjoner etter gjeldende standarder og prinsipper for universell utforming	mount relevant installations and constructions in accordance with current standards and principles of universal accessibility	-process growth substrate and apply fertilizers and other soil improving substances in correct doses
bruke økologiske begreper og forklare kretsløp i naturen	use concepts of ecology and explain nature's cycles	-identify common plants used in landscaping, and make a choice of suitable plants for a given plantation based on physiology and requirements to growth conditions
gjøre rede for klimaets betydning for bygging av ulike anlegg	explain climatic influence on the construction of different types of new installations	-process and use deposits for different purposes
beskrive organiseringen av en bedrift med utgangspunkt i bedriftsform og organisasjonskart	describe the organisation of a company by type of enterprise and organizational chart.	-mount relevant installations and constructions in accordance with current standards and principles of universal accessibility
gjøre rede for konkurranseforhold og skiftende rammevilkår i bransjene	describe conditions of competition and the fluctuating outline conditions in the sector	-perform tasks on a construction site in a resource- and cost-efficient way, and in accordance with current legislation and standards
utføre arbeid i nyanlegg med tanke på økonomi og ressursutnyttelse og i tråd med gjeldende regelverk og standarder	perform tasks on a construction site in a resource- and cost-efficient way, and in accordance with current legislation and standards	<u>General competence</u> The candidate can: - plan and carry out tasks in new installations in landscaping in a cost-efficient way and in accordance with currents legislation, standards and descriptions, -can evaluate and document their own work
forklare sammenhenger mellom kvalitet i utførelse og senere vedlikeholdsarbeid på anlegg	explain the connection between quality in execution and later maintenance work on new installations	

Anleggsgartner VG2 Drift og vedlikehold		Landscaper VG2 Operation and maintenance
Mål for opplæringen er at eleven skal kunne	Competence goals	Learning outcomes
arbeide etter drifts- og vedlikeholdsplaner for ulike typer anlegg, konstruksjoner og installasjoner	follow a maintenance plan for different types of constructions, plantations and installations	<u>Knowledge</u> The candidate: -has a knowledge of and can choose between relevant tools, machines, and materials used in operating and maintenance in landscaping -has an understanding of how choice of maintenance methods has an influence on living conditions for flora and fauna, and environment in a broad sense <u>Skills</u> The candidate can: -can and use tools, machines, equipment and chemicals in operating and maintenance tasks -prepare simple maintenance plans -repair and maintain different types of surface -perform maintenance of plant materials and plantations in parks and gardens, recreational areas and in natural and cultivated landscapes -perform maintenance of solid and loose covers
utarbeide enkle vedlikeholdsplaner	prepare simple maintenance plans	
reparere og vedlikeholde ulike typer overflater	repair and maintain different types of surface	
utføre skjøtsel av plantemateriale og vegetasjonsarealer i anlegg, rekreasjonsområder, natur- og kulturlandskaper	perform maintenance of plant materials and plantations in parks and gardens, recreational areas and in natural and cultivated landscapes	
utføre vedlikehold av faste og løse dekker	perform maintenance of solid and loose covers	
identifisere vanlige skadegjørere og vurdere iverksetting av tiltak	identify common pests, and perform pest control	
vurdere og iverksette tiltak for å forebygge erosjon	evaluate and implement measurements to counteract erosion	
velge og bruke verktøy, redskaper, maskiner, utstyr og kjemikalier i tilknytning til drifts- og vedlikeholdsoppgaver	select and use tools, tools, machines, equipment and chemicals in connection with operating and maintenance tasks	

planlegge og utføre arbeid med tanke på god økonomi og ressursutnyttelse	plan and perform work with a view to good finances and resource utilization	-identify common pests, and perform pest control -evaluate and implement measurements to counteract erosion -plan and perform work with a view to good finances and resource utilization <u>General competence</u> The candidate can: -follow a maintenance plan for different types of constructions, plantations and installations in a cost-efficient way and in consideration for the environment -communicate with different users of facilities and provide good service
forklare hvordan valg av metoder i vedlikeholdsarbeid påvirker livsbetingelsene for flora og fauna, og miljøet i vid forstand	explain how choice of maintenance methods has an influence on living conditions for flora and fauna, and environment in a broad sense	
kommunisere med ulike brukere av anlegg og yte god service	communicate with different users of facilities and provide good service	

Anleggsgartner VG3 Drift og vedlikehold	Landscaper VG3 Operation and maintenance	
Mål for opplæringen er at eleven skal kunne	Competence goals	Learning outcomes
planlegge, dokumentere og vurdere drifts- og vedlikeholdsarbeid i samsvar med oppsatte kvalitetsplaner, gjeldende regelverk og standarder for anleggsgartnerbransjen	plan, document and evaluate operational and maintenance work in accordance with established quality plans, applicable regulations and standards for the landscaping sector	<u>Knowledge</u> -has a knowledge about relevant concepts in operation and maintenance in landscaping -has a knowledge of materials, equipment and working methods and can make informed choice of these -has a knowledge of current legislations, standard and agreements and quality requirements
drifte og vedlikeholde flere typer grønne og grå	operate and maintain several types	

anlegg i henhold til gjeldende regelverk og standarder ut fra hensyn til økonomi, estetikk, ressursbruk og miljø	of green and grey installations in accordance with current regulations and standards based on consideration for economics, aesthetics, resource use and the environment	-has and understanding of the organization and demands of employees in the landscaping company and in the sector as a whole <u>Skills</u> The candidate:
vedlikeholde vegetasjon ut fra vegetasjonens egenskaper og miljøkrav	maintain vegetation based on the properties and requirements of the plantation	-can maintain vegetation based on the properties and requirements of the plantation -can maintain technical elements in landscaping (“grey landscaping”)
velge og bruke maskiner, redskaper, verktøy og utstyr og utføre daglig vedlikehold	Choose and use machines, tools, tools and equipment and perform daily maintenance	-can use machines, tools and equipment and perform daily maintenance of these -can work according to legislation and agreements that regulate working conditions in the landscaping sector, and account for the employer's and the employee's duties and rights -can perform work tasks in an ergonomically correct manner
arbeide etter regelverk og avtaler som regulerer arbeidsforhold i anleggsgartnerbransjen, og gjøre rede for arbeidsgiverens og arbeidstakerens plikter og rettigheter	work according to regulations and agreements that regulate working conditions in the landscaping sector, and account for the employer's and the employee's duties and rights	<u>General competence</u> The candidate:
beskrive organiseringen og krav til arbeidstakere i bedriften og i anleggsgartnerbransjen som helhet	describe the organization and demands of employees in the landscaping company and in the sector as a whole	-can plan, document and evaluate operational and maintenance work in accordance with established quality plans, applicable regulations and standards for the landscaping sector
utføre arbeidsoppgaver på en ergonomisk riktig måte	perform work tasks in an	-operate and maintain several types of green and grey installations in accordance with current regulations and

	ergonomically correct manner	standards based on consideration for economics, aesthetics, resource use and the environment
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Anleggsgartner VG3 Nyanlegg	Landscaping VG3 New installations	
Mål for opplæringen er at eleven skal kunne	Competence goals	Learning outcomes
planlegge, utføre, dokumentere og vurdere anleggsgartnerarbeid	plan, carry out, document and evaluate work in landscaping	<u>Knowledge</u> The candidate: -has knowledge of natural stones, concrete and other materials used in new installations in landscaping -has knowledge of growth requirement of different plant genera, species and cultivars -has a knowledge of the properties of a range of plant growth substrates -can consider accessibility for different user groups in designing new facilities <u>Skills</u> The candidate -can perform foundation work and construction work with fixed and loose covers -can carry out work involving plant materials and growth media based on the plant's requirement and the properties of the growth substrate -can process and use natural stone, concrete and other materials in the construction of new installations -use technical equipment, perform manual and mechanical work in accordance with current regulations, standards and plans -carry out work in new facilities and assess finances, resource use and environmental considerations
utføre grunnarbeid og anleggsarbeid med faste og løse dekker	perform foundation work and construction work with fixed and loose covers	
beskrive, vurdere og utføre arbeid med plantematerialer og vekstmedier med utgangspunkt i vekstkravene hos ulike slekter, arter og sorter og egenskapene deres	describe, evaluate and perform work on plant materials and growth media based on the growth requirements of different genera, species and varieties and their properties	
velge, bearbeide og bruke naturstein, betong og andre materialer i utforming av anlegg	select, process and use natural stone, concrete and other materials in the construction of new installations	
bruke teknisk utstyr, utføre manuelt og maskinelt arbeid i henhold til gjeldende regelverk, standarder og planer	use technical equipment, perform manual and mechanical work in accordance with current regulations, standards and plans	
utføre arbeid i nyanlegg og vurdere økonomi, ressursbruk og miljøhensyn	carry out work in new facilities and assess finances, resource use and environmental considerations	
bruke fagterminologi, samarbeide og kommunisere med andre faggrupper, brukere og oppdragsgivere	Use subject terminology, collaborate and communicate with other professional groups, users and clients	

vurdere tilgjengelighet for ulike brukergrupper i utforming av nyanlegg	consider accessibility for different user groups in designing new facilities	<u>General competence</u> The candidate: -can plan, carry out, document and evaluate work in new installations in landscaping -can use subject terminology, collaborate and communicate with other professional groups, users and clients
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Learning outcomes EQF5 | Gardening/Landscaping

- European Green Mastery

Management, Maintenance and Design of Parks and Gardens (MMD)

Knowledge

The candidate:

- has knowledge about methods, techniques and principles of designing and planning of outdoor areas, with a focus on sustainable and functional solutions, and maintenance by application of adapted and facilitated maintenance plans.
- has knowledge about concepts and digital planning tools used in designing and maintenance of outdoor areas.
- has knowledge about plants and their requirements to climate and local growth conditions in outdoor areas.
- has knowledge about relevant legislation, standards and contracts associated with design, construction and maintenance of outdoor areas.
- has sector knowledge of garden style history, planting, construction and maintenance of outdoor green areas
- can update his/her knowledge of gardening and management of outdoor areas using digital sources and technical literature.
- understands the importance of biodiversity, sustainable solutions and choice of material in design and maintenance.
- understands the need to create outdoor areas that meet demands to recreation and design for universal accessibility of selected target groups.
- understands the demands society puts to a business in the green area sector.
- has knowledge about how to establish, manage, and liquidate a business.

Skills

The candidate:

- can apply gardening expertise to identify challenges and possibilities in design and management of green areas and use this to work out functional design- and maintenance plans.
- can use manual- and digital tools in the planning process.
- can find relevant information in reports, professional literature and other sources of information and use the information to work out solutions to specific challenges, and to keep professionally updated.

- can supervise staff in the green area sector by planning, informing, guiding and instructing in an expedient way.
- can chart a situation and identify relevant technical and leadership problem points, and identify the need to take a specific action in the management of green areas
- can establish a company associated with design and maintenance of a small or medium sized outdoor area.

General competence

The candidate:

- has an understanding of factors and principles that enhances quality and functionality through the process from rough draft to completed plan and description of an outdoor area
- has an ethical understanding of confidentiality of information obtained in contact with a customer
- can design a small or medium-sized outdoor area for a defined target group, with a focus on recreation, environment, and universal accessibility. Can compile maintenance plans for these areas and can plan and supervise maintenance
- can liaise with relevant stakeholders in the green area sector
- has accumulated a general competence of leadership that can be applied in leading a company, or as an employee in the green area sector
- has developed consciousness of quality and environment, and accountability in company- and human resource management
- can use digital tools to render planning processes more efficient
- can develop, manage and run own projects, departments, or businesses associated with design and maintenance of green areas.

Management in landscaping (ML)

Knowledge

The candidate:

- has knowledge about company establishment and -leadership, practical leadership on a construction site, and of organisational development at all levels of a landscaping business
- has insight into professional issues associated with planting, construction, and geo- and hydro technology in the establishment and maintenance of green areas and landscapes.
- has insight in and can assess projects against relevant legislation, standards and contracts.
- has knowledge about major sector organisations and institutions, and knows the traditions, distinctiveness, and role of society that characterizes the landscaping trade.
- possesses empirical knowledge and understands the importance of proper craftsmanship and quality in all parts of the process of the construction of green areas
- can update her/his knowledge by interacting with relevant sector organisations and -institutions.

Skills

The candidate:

- can apply professional expertise to the planning a building process. The candidate can discuss professional decisions concerning purchasing, machinery and building site-logistics
- can apply and evaluate relevant digital tools for internal control, HES-systems and tendering. The candidate has also insight into digital drawing tools.
- can map existing green areas and analyse and identify professional issues and describe appropriate measures by referring to relevant information and technical literature.

General competence

The candidate

- understands the importance of appropriate systems of HES, wages and working hour- arrangements for national as well as foreign staff in the landscaping business.
- has developed an ethic attitude to employment processes and the setting of terms for wages and working hours and can handle information given by clients and stakeholders in a responsible way.
- can plan, analyse, organize and supervise work, and take professional decisions regarding building processes related to the landscaping sector
- can establish, develop and run a minor company as well as plan, build, survey and maintain outdoor installations associated with landscaping.
- has knowledge of national stakeholders in the landscaping-, gardening- and arborist sectors, and has knowledge of The Norwegian State Road administration and others with planting- and landscaping competence. Can participate in discussions with stakeholders about development of good practice and thereby contribute to organisational development.

Heritage gardening (HG)

Knowledge

The candidate:

- has knowledge about use of plants in a historical context, and of culturing and maintenance of plants in heritage gardening
- has knowledge about use, construction and maintenance of paths, walls and water features in heritage gardening
- has insight into legislation and charters relevant for heritage gardening
- has knowledge about key stakeholders, institutions and organisations in the heritage gardening community in Norway.
- has knowledge about professional gardening businesses engaged in heritage gardening and -maintenance in the Nordic countries
- can update hers/his vocational knowledge by attending courses and consulting technical literature provided by the heritage gardening community in Norway
- understands the requirement of gardening competence as well as preservation competence in working with the preservation, restoration and maintenance of our green cultural heritage.

Skills

The candidate:

- can perform common gardening crafts required in restoration and maintenance of a historical garden or green area
- can apply relevant digital tools and standards in the compilation of maintenance plans
- can find relevant sources to information about a heritage garden
- can document a historical garden and its status of maintenance, and can identify professional issues that need to be addressed
- can create restoration- and maintenance plans for heritage gardens.

General competence

The candidate:

- has an understanding of specific cultural heritage values inherent in heritage gardens, and criteria of protection of the same.
- can perform practical protection of cultural heritage through craftsmanship in heritage gardening

- can increase public awareness of the value of a heritage garden by the example of hers/his understanding of the garden and performance in heritage gardening craftmanship
- understands the specific cultural heritage values of a heritage garden and can assess them against the requirements of a client.
- can build relationships with peers, clients and relevant stakeholders, in which to work with restoration and maintenance of heritage gardens
- can develop methods and products relevant to restoration and maintenance, for example production of authentic plant material, establishment of a historical turf, etc.

Local Storm Water Disposal (LSD)

Knowledge

The candidate

- has knowledge of different LSD- structures, positioning in relation to catchment area and three step-strategy, and understands the value to society of exploiting urban runoff in promoting biodiversity.
- can link LSD structures to traditional runoff management: Has insight into requirements to storm water management stated in current legislation and standards, and can ensure HES and quality control in coupling pipes to municipal sewers, in pipe dimensioning, municipal wastewater management, and water quality
- has sector knowledge and knowledge of the occupational field of landscaping related to LSD, understands the importance of good craftsmanship
- understands the role of the occupational field of landscaping and LSD in limiting degradation and reducing extend of damage caused by increased levels of precipitation

Skills

The candidate

- can apply vocational expertise to plan and construct LSD structures adapted to a specific area
- can apply relevant tools to calculate and draw LSD structures, can compile tenders and maintenance plans, and work within the frames of a municipal strategy in connecting LOD structures to sewer systems.
- can find information about growth substrate, plants and technical solutions, and can evaluate different materials and construction methods, and use this expertise to select appropriate technical solutions.
- can map LSD structures by interpreting drawings and descriptions, can pinpoint faulty constructions and suggest improvements.

General competence

The candidate

- has an understanding of the principles of LSD, and the importance of good systems and routines in HES, management and maintenance to ensure a high quality throughout work processes
- shows work ethics in exercising LSD in landscaping and understands the importance of pride of craftsmanship and respect of other lines of trades

- can budget, plan and supervise the construction of an LSD structure adapted to the requirements of specific target groups, and ensure good maintenance by compiling functional plans and documentation of the process
- can liaise with landscaping architects, engineers of different trades, roofers, plant nurseries and others in planning and constructing LSD structures
- can develop relevant working methods and give advice for the construction of LSD-structures.

Spain:

Remark. - It is not currently included in the National Catalogue of Professionals Qualifications (INCUAL) – EQF 4-6 (just only EQF 1-3)

Existing qualifications and/or training curricula			
		Country:	SPAIN
		Partner:	ADLAS – Asociación para el Desarrollo de la Comarca de La Loma y Las Villas
Occupation :	Floristry	Horticulture / production	Landscaping
EQF level:			
2	<i>Horticulture and Floriculture</i>	<i>Horticulture and Floriculture</i>	<i>Installation and Maintenance of Gardens and Green Areas</i>
	<i>Responsible:</i> National System of Qualifications and Vocational Training (SNCFP)	<i>Responsible:</i> National System of Qualifications and Vocational Training (SNCFP)	<i>Responsible:</i> National System of Qualifications and Vocational Training (SNCFP)
	To perform the operations of installation, maintenance, production and harvesting in a horticultural or cut flower farm, controlling plants health, managing the machinery, applying criteria of good agricultural practices, economic profitability, and complying with the applicable regulations of environmental protection, quality control, food safety of plant protection, products and prevention of occupational hazards.	To perform the operations of installation, maintenance, production and harvesting in a horticultural or cut flower farm, controlling plants health, managing the machinery, applying criteria of good agricultural practices, economic profitability, and complying with the applicable regulations of environmental protection, quality control, food safety of plant protection, products and prevention of occupational hazards.	To execute and organize the operations of installation, maintenance and improvement of gardens of interior, exterior and green areas, controlling plants health, managing machinery and gardening tools and complying with environmental standards of quality and prevention of occupational hazards.
	<i>Floristry Activities</i>	<i>Seeds production and management of nursery plants</i>	
	<i>Responsible:</i> National System of Qualifications and Vocational Training (SNCFP)	<i>Responsible:</i> National System of Qualifications and Vocational Training (SNCFP)	

3	<i>Vocational Training (SNCFP)</i>	<i>Vocational Training (SNCFP)</i>	
	To coordinate and carry out activities of florist companies and floral services, to carry out ornamentation projects, as well as to sell and to inform about products and services of florist.	To carry out operations of propagation and cultivation of plants in nursery, as well as seed production, controlling plants health, managing equipment, machines and tools, under quality criteria and respecting current regulations, including environmental and occupational risk prevention.	
	<i>Floral Art and Floristry Management</i>	<i>Seeds production and nursery plants Management</i>	<i>Gardening and Landscape Restoration</i>
	<i>Responsible:</i> National System of Qualifications and Vocational Training (SNCFP)	<i>Responsible:</i> National System of Qualifications and Vocational Training (SNCFP)	<i>Responsible:</i> National System of Qualifications and Vocational Training (SNCFP)
	To organize, manage and supervise activities of florist companies, as well as design, make and evaluate innovative compositions and special ornamentations with flowers and plants, including ornamentation work, managing available human resources, applying quality criteria, economic profitability, and respecting the applicable regulations in force, including environmental and occupational risk prevention.	To organize and supervise the production of seeds and plants in the nursery, managing the available material and human resources, applying quality criteria and economic profitability, and respecting the current regulations, including environmental and occupational risk prevention.	To program and organize the necessary activities for the installation and maintenance of parks and gardens, restoration of the landscape, as well as the human resources and materials available applying criteria, occupational risk prevention and environmental protection.
			<i>Reforestation Management and Silvicultural Treatments</i>
			<i>Responsible:</i> National System of Qualifications and Vocational Training (SNCFP)
			To program and organize activities necessary for a forestation, hydrological-forestry correction and the carrying out of silvicultural treatments, to carry out topographical operations in agriculture, gardening and mountain work, as well as coordinating the available human and material resources in compliance with the applicable regulations for the prevention of occupational hazards and respecting the natural environment.
			<i>Management and Maintenance of Trees and</i>

			<i>Ornamental Palm Trees</i>
			<i>Responsible:</i> <i>National System of Qualifications and Vocational Training (SNCFP)</i>
			To manage and carry out the planting, maintenance and conservation of ornamental trees and palm trees, programming and organizing the necessary work, material and human resources available, applying criteria for economic profitability and complying with the environmental regulations, quality control and prevention of labour risks in force.

Assessment procedures		Country:	SPAIN
Occupation: EQF level:	Floristry	Horticulture / production	Landscaping
2	Horticulture and Floriculture	Horticulture and Floriculture	Installation and Maintenance of Gardens and Green Areas
	Responsible: Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations	Responsible: Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations	Responsible: Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations
	<p>Learning assessment is implemented in the context of professional modules. The assessment will perform on the basis of learning outcomes and assessment criteria of each of the professional modules, as well as overall objectives of the training cycle or specialization course.</p> <p>Each professional module shall be rated: “Pass” (“Apto”) or “Fail” (“No apto”). It shall not be considered to estimate the average of academic records. Each professional module may be subjected in four calls, except trainings in work places (two calls).</p> <p>The assessment of professionals’ modules, except trainings in work places (“Pass” or “Fail”), will be a numerical evaluation (from 1 to 10, no decimals). The pupil shall get a score of 5 points or more for each professional module.</p> <p>The final grade of training cycle shall be the arithmetic mean (5 points or more to 10 points – with decimals).</p>		
	Floristry Activities	Seeds production and management of nursery plants	
	Responsible: Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations	Responsible: Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations	
	<p>Learning assessment is implemented in the context of professional modules. The assessment will perform on the basis of learning outcomes and assessment criteria of each of the professional modules, as well as overall objectives of the training cycle or specialization course.</p>		

	<p>Each professional module shall be rated: “Pass” (“Apto”) or “Fail” (“No apto”). It shall not be considered to estimate the average of academic records. Each professional module may be subjected in four calls, except trainings in work places (two calls).</p> <p>The assessment of professionals’ modules, except trainings in work places (“Pass” or “Fail”), will be a numerical evaluation (from 1 to 10, no decimals). The pupil shall get a score of 5 points or more for each professional module.</p> <p>The final grade of training cycle shall be the arithmetic mean (5 points or more to 10 points – with decimals).</p>		
3	Floral Art and Floristry Management	Seeds production and nursery plants Management	Gardening and Landscape Restoration
	Responsible: Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations	Responsible: Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations	Responsible: Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations
	<p>Learning assessment is implemented in the context of professional modules. The assessment will perform on the basis of learning outcomes and assessment criteria of each of the professional modules, as well as overall objectives of the training cycle or specialization course.</p> <p>Each professional module shall be rated: “Pass” (“Apto”) or “Fail” (“No apto”). It shall not be considered to estimate the average of academic records. Each professional module may be subjected in four calls, except trainings in work places (two calls).</p> <p>The assessment of professionals’ modules, except trainings in work places (“Pass” or “Fail”), will be a numerical evaluation (from 1 to 10, no decimals). The pupil shall get a score of 5 points or more for each professional module.</p> <p>The final grade of training cycle shall be the arithmetic mean (5 points or more to 10 points – with decimals).</p>		
			Reforestation Management and Silvicultural Treatments
			Responsible: Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations
			<p>Learning assessment is implemented in the context of professional modules. The assessment will perform on the basis of learning outcomes and assessment criteria of each of the professional modules, as well as overall objectives of the training cycle or specialization course.</p> <p>Each professional module shall be rated: “Pass” (“Apto”) or “Fail” (“No apto”). It shall not be considered to estimate the average of academic</p>

			<p>records. Each professional module may be subjected in four calls, except trainings in work places (two calls).</p> <p>The assessment of professionals' modules, except trainings in work places ("Pass" or "Fail"), will be a numerical evaluation (from 1 to 10, no decimals). The pupil shall get a score of 5 points or more for each professional module.</p> <p>The final grade of training cycle shall be the arithmetic mean (5 points or more to 10 points – with decimals).</p>
			<p>Management and Maintenance of Trees and Ornamental Palm Trees</p>
			<p>Responsible: Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations</p>
			<p>Learning assessment is implemented in the context of professional modules. The assessment will perform on the basis of learning outcomes and assessment criteria of each of the professional modules, as well as overall objectives of the training cycle or specialization course.</p> <p>Each professional module shall be rated: "Pass" ("Apto") or "Fail" ("No apto"). It shall not be considered to estimate the average of academic records. Each professional module may be subjected in four calls, except trainings in work places (two calls).</p> <p>The assessment of professionals' modules, except trainings in work places ("Pass" or "Fail"), will be a numerical evaluation (from 1 to 10, no decimals). The pupil shall get a score of 5 points or more for each professional module.</p> <p>The final grade of training cycle shall be the</p>

			<i>arithmetic mean (5 points or more to 10 points – with decimals).</i>
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Certificates/diplomas after assessment		Country:	SPAIN
Occupation:	Floristry	Horticulture / production	Landscaping
EQF level:			
2	<i>Horticulture and Floriculture</i>	<i>Horticulture and Floriculture</i>	<i>Installation and Maintenance of Gardens and Green Areas</i>
	<i>Responsible: Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations</i>	<i>Responsible: Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations</i>	<i>Responsible: Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations</i>
	<i>Agricultural Production Technician (Degree)</i>	<i>Agricultural Production Technician (Degree)</i>	<i>Gardening and Floristry Technician (Degree)</i>
	<i>Floristry Activities</i>	<i>Seeds production and management of nursery plants</i>	

	<u>Responsible:</u> Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations	<u>Responsible:</u> Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations	
	Gardening and Floristry Technician (Degree)	Exploitation and Conservation of the Natural Environment Technician (Degree)	
3	Floral Art and Floristry Management	Seeds production and nursery plants Management	Gardening and Landscape Restoration
	<u>Responsible:</u> Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations	<u>Responsible:</u> Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations	<u>Responsible:</u> Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations
	Floral Art and Floristry Management (Certificate)	Natural Environment and Landscaping Senior Technician (Degree) or Forestry Management and Natural Environment Senior Technician (Degree)	Natural Environment and Landscaping Senior Technician (Degree) or Forestry Management and Natural Environment Senior Technician (Degree)
			Reforestation Management and Silvicultural Treatments
			<u>Responsible:</u> Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations
			Natural Environment and Landscaping Senior Technician (Degree) or Forestry Management and Natural Environment Senior Technician (Degree)

			<i>Management and Maintenance of Trees and Ornamental Palm Trees</i>
			<i>Responsible:</i> Ministry of Education and Vocational Training – Each Autonomous Region has its own specific regulations
			<i>Management and Maintenance of Trees and Ornamental Palm Trees (Certificate)</i>

TITLE OF THE QUALIFICATION: *"Horticulture and Floriculture"* (AGA167_2 - Royal Decree 1228/2006, October 27th)

EQF LEVEL: 2 (ES)

Competence Units	Professional Modules
UC0529_2. To carry out the preparation of ground labours, sowing and transplanting of horticultural crops and cut flowers	0475. Organic Harvesting
UC0530_2. To carry out the different operations of cultivation collection, transport and storage of horticultural crops and cut flowers.	0476. Agricultural Production
UC0525_2. To control plagues, diseases, undesirable plants and disorders	0479. Phytosanitary Control 0409. Vegetable Safety Principles
UC0526_2. To use tractors and assembly / maintenance of agricultural installations	0408. Agricultural Infrastructures and Facilities 0407. Workshop and Traction Equipment

Title of the qualification		Livestock Farming Production Technician		0475
EQF level		Level 2 (Horticulture and Floriculture) - ES		
Unit of learning outcomes		Organic Harvesting		
		KNOWLEDGE	SKILLS	COMPETENCES
a) Farming orientation	productive	<div><div>✓</div><div>Productive orientation of an agricultural concern</div></div> <div><div>✓</div><div>Crops selection</div></div> <div><div>✓</div><div>Installation of crops without soil</div></div> <div><div>✓</div><div>Ground preparation</div></div> <div><div>✓</div><div>Sowing, transplanting and planting</div></div> <div><div>✓</div><div>Labour risk prevention and environmental prevention</div></div>	<div>She/He</div> <div><div>–</div><div>Defines the production orientation of the farm, identifying available resources and market demand.</div></div> <div><div>–</div><div>Selects crops relating them with the productive objectives of the farm.</div></div> <div><div>–</div><div>Carries out cropping operations without soil analysing and applying hydroponic techniques.</div></div> <div><div>–</div><div>Performs land suitability operations in accordance with traditional agriculture for the sowing, transplanting and planting through the analysis and application of cultivation techniques.</div></div>	<div>She/He</div> <div><div>-</div><div>Obtains the necessary formation in order to carry out the implementation of crops into an agricultural concern.</div></div> <div><div>-</div><div>Carries out the preparation of ground labours, sowing and transplanting of horticultural crops and cut flowers.</div></div>

		<ul style="list-style-type: none"> – Plants vegetable material, justifying the use of improved plants and seeds and applying modern agriculture techniques. – Complies with the rules on labour risk prevention and environmental protection, identifying associated risks and measures and equipment to event them. 	
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Title of the qualification		Livestock Farming Production Technician		0407
EQF level		Level 2 (Horticulture and Floriculture) - ES		
Unit of learning outcomes		Workshop and Traction Equipment		
	KNOWLEDGE	SKILLS	COMPETENCES	
b) Workshop and Traction Equipment	<div>✓ Organization of the farm workshop</div> <div>✓ Use of tractors and traction equipment</div> <div>✓ Maintenance of tractors and traction equipment</div> <div>✓ Welding and basic machining</div> <div>✓ Labour risk prevention and environmental protection</div>	<div>She/He</div> <div>– Organises the farm workshop justifying the placement of tools and equipment.</div> <div>– Drives tractors and traction equipment interpreting their functionality and use.</div> <div>– Carries out the basic maintenance of tractors and traction equipment interpreting protocols and maintenance records.</div> <div>– Performs welding and basic machining operations justifying materials and methods used.</div> <div>– Complies with the rules on labour risk prevention and environmental</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to use and maintain different types of tractors and traction equipment.</div>	

		protection, identifying associated risks and measures and equipment to prevent them.	
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Title of the qualification		Livestock Farming Production Technician		0408
EQF level		Level 2 (Horticulture and Floriculture)- ES		
Unit of learning outcomes		Agricultural Infrastructures and Facilities		
	KNOWLEDGE	SKILLS	COMPETENCES	
c) Agricultural Infrastructures and Facilities	<div>✓ Installation and maintenance of agricultural infrastructures</div> <div>✓ Assembly of irrigation facilities</div> <div>✓ Installation of protection systems</div> <div>✓ Maintenance of agricultural facilities</div> <div>✓ Labour risk prevention and environmental protection</div>	<div>She/He</div> <div>– Installs and maintains agricultural infrastructures describing their characteristics and fitting techniques.</div> <div>– Fits irrigation installations identifying their elements and fitting techniques.</div> <div>– Installs protection and forcing systems relating them with environmental and crop factors.</div> <div>– Maintains agricultural installations interpreting the established protocols for their preservation and hygiene.</div> <div>– Complies with the rules on labour risk prevention and environmental</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to carry out the implementation of installation and maintenance of agricultural infrastructures and facilities</div>	

		protection, identifying associated risks and measures and equipment to prevent them.	
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Title of the qualification		Livestock Farming Production Technician		0409
EQF level		Level 2 (Horticulture and Floriculture)- ES		
Unit of learning outcomes		Vegetable Safety Principles		
	KNOWLEDGE	SKILLS	COMPETENCES	
d) Vegetable Safety Principles	<div>✓ Characterization of undesirable spontaneous vegetation</div> <div>✓ Damaging and beneficial fauna</div> <div>✓ Beneficial agents and different diseases factors.</div> <div>✓ Determination of the sanitary state of plants</div> <div>✓ Characterization of protection methods for plants</div>	<div>She/He</div> <div>–Characterises undesirable spontaneous vegetation describing species present in the area.</div> <div>– Determines the damaging and beneficial fauna for vegetables, relating biological characteristics with the effects on plants.</div> <div>– Determines beneficial agents and those causing diseases and damages that affect plants, describing their characteristics.</div> <div>– Determines the sanitary state of plants, assessing the information obtained in accordance with the established protocol.</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to recognize the sanitary state of plants and the different protection methods.</div> <div>- Controls different plagues, diseases, undesirable plants and disorders</div>	

		<ul style="list-style-type: none"> – Characterises protection methods for plants assessing their effects on their sanitary state. 	
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Title of the qualification		Livestock Farming Production Technician		0476
EQF level		Level 2 (Horticulture and Floriculture)- ES		
Unit of learning outcomes		Agricultural Production		
	KNOWLEDGE	SKILLS	COMPETENCES	
e) Agricultural Production	<div><div>✓</div><div>processes</div><div>Irrigation</div><div>✓</div><div>and fertilization</div><div>Cultivation</div><div>✓</div><div>labors</div><div>Cultural</div><div>✓</div><div>handling and conditioning</div><div>Collection,</div><div>✓</div><div>prevention and environmental protection</div><div>Labour risk</div></div>	<div>She/He</div> <div><div>– Performs necessary operations for crop irrigation relating the irrigation system with the needed water.</div><div>– Carries out crop manuring analysing the techniques and procedures to be applied.</div><div>– Carries out cultivation tasks relating them with the type of crop and associated techniques.</div><div>– Collects, handles and conditions crops justifying the techniques and modern agriculture methods.</div><div>– Complies with the rules on labour risk prevention and environmental protection, identifying associated</div></div>	<div>She/He</div> <div><div>- Obtains the necessary formation in order to carry out the role of production, collection, transport and storage of agricultural products.</div><div>- Carries out the different operations of cultivation collection, transport and storage of horticultural crops and cut flowers.</div></div>	

		risks and measures and equipment to prevent them.	
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Title of the qualification		Livestock Farming Production Technician		0479
EQF level		Level 2 (Horticulture and Floriculture)- ES		
Unit of learning outcomes		Phytosanitary Control		
	KNOWLEDGE	SKILLS	COMPETENCES	
f) Phytosanitary Control	<div>✓ Selection of chemical products</div> <div>✓ Storage and handling of phytosanitary chemical products</div> <div>✓ Application of physical, biological and biotechnical methods</div> <div>✓ Preparation of phytosanitary chemical products</div> <div>✓ Risks arising from the utilization of chemical products</div> <div>✓ Labour risk prevention and environmental protection</div>	<div>She/He</div> <div>– Determines phytosanitary chemical products that must be applied analysing their technical characteristics.</div> <div>– Stores and handles phytosanitary chemical products interpreting the established rules and protocols.</div> <div>– Applies physical, biological and/or biotechnical methods describing and controlling the prescribed techniques.</div> <div>– Prepares phytosanitary chemical products following the established protocol.</div> <div>– Applies phytosanitary chemical</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to carry out the role of selection and application of physical, biological and biotechnical methods, also of phytosanitary chemical products.</div> <div>- Controls different plagues, diseases, undesirable plants and disorders</div>	

		<p>products selecting machinery and equipment.</p> <ul style="list-style-type: none"> – Recognises the risks derived from the use of phytosanitary chemical products according to their composition and action mechanisms, analysing their damaging effects on people and the environment. – Complies with the rules on labour risk prevention and environmental protection, identifying associated risks and measures and equipment to prevent them. 	
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TITLE OF THE QUALIFICATION: *“Installation and Maintenance of Gardens and Green Areas”* (AGA168_2 - Royal Decree 1228/2006, October 27th)

EQF LEVEL: 2 (ES)

Competence Units	Professional Modules
UC0531_2. To install indoor / outer gardens and green areas	0576. Planting Gardens and Green Areas
UC0532_2. To maintain and improve indoor / outer gardens and green areas	0577. Maintenance and Improvement of Gardens and Green Areas
UC0525_2. To control plagues, diseases, undesirable plants and disorders	0479. Phytosanitary Control 0409. Vegetable Safety Principles
UC0526_2. To use tractors and assembly / maintenance of agricultural installations	0408. Agricultural Infrastructures and Facilities 0407. Workshop and Traction Equipment

Title of the qualification		Gardening and Floristry Technician		0576
EQF level		Level 2 (Installation and Maintenance of Gardens and Green Areas) - ES		
Unit of learning outcomes		Planting Gardens and Green Areas		
	KNOWLEDGE	SKILLS	COMPETENCES	
a) Planting Gardens and Green Areas	<div>✓ Stakeout of different elements of indoor / outer gardens and green areas</div> <div>✓ Site preparation and containers</div> <div>✓ Constructions, installations and equipment of indoor / outer gardens and green areas</div> <div>✓ Sowing and plantation of vegetable material</div> <div>✓ Plantation of trees, bushes and plants</div>	<div>She/He</div> <div>– Stakes out the elements of indoor and outdoor gardens or green areas, describing the measuring types and marking techniques.</div> <div>– Prepares the land and the containers, describing the means and the methods used.</div> <div>– Makes small gardening constructions and installations distinguishing the installation components or elements.</div> <div>– Sows and plants vegetable material, describing the tasks that ensure emergence and rooting.</div> <div>– Plants trees, bushes and plants, analyzing the associated</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to install indoor /outer gardens and green areas</div>	

		techniques.	
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Title of the qualification		Agricultural Production Technician		0407
EQF level		Level 2 (Installation and Maintenance of Gardens and Green Areas) - ES		
Unit of learning outcomes		Workshop and Traction Equipment		
	KNOWLEDGE		SKILLS	COMPETENCES
b) Workshop and Traction Equipment	<div>✓ Organization of the farm workshop</div> <div>✓ Use of tractors and traction equipment</div> <div>✓ Maintenance of tractors and traction equipment</div> <div>✓ Welding and basic machining</div> <div>✓ Labour risk prevention and environmental protection</div>		<div>She/He</div> <div>– Organises the farm workshop justifying the placement of tools and equipment.</div> <div>– Drives tractors and traction equipment interpreting their functionality and use.</div> <div>– Carries out the basic maintenance of tractors and traction equipment interpreting protocols and maintenance records.</div> <div>– Performs welding and basic machining operations justifying materials and methods used.</div> <div>– Complies with the rules on labour risk prevention and environmental</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to use and maintain different types of tractors and traction equipment.</div>

		protection, identifying associated risks and measures and equipment to prevent them.	
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Title of the qualification		Agricultural Production Technician		0408
EQF level		Level 2 (Installation and Maintenance of Gardens and Green Areas) - ES		
Unit of learning outcomes		Agricultural Infrastructures and Facilities		
	KNOWLEDGE	SKILLS	COMPETENCES	
c) Agricultural Infrastructures and Facilities	<div>✓ Installation and maintenance of agricultural infrastructures</div> <div>✓ Assembly of irrigation facilities</div> <div>✓ Installation of protection systems</div> <div>✓ Maintenance of agricultural facilities</div> <div>✓ Labour risk prevention and environmental protection</div>	<div>She/He</div> <div>– Installs and maintains agricultural infrastructures describing their characteristics and fitting techniques.</div> <div>– Fits irrigation installations identifying their elements and fitting techniques.</div> <div>– Installs protection and forcing systems relating them with environmental and crop factors.</div> <div>– Maintains agricultural installations interpreting the established protocols for their preservation and hygiene.</div> <div>– Complies with the rules on labour risk prevention and environmental</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to carry out the implementation of installation and maintenance of agricultural infrastructures and facilities</div>	

		protection, identifying associated risks and measures and equipment to prevent them.	
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Title of the qualification		Agricultural Production Technician		0409
EQF level		Level 2 (Installation and Maintenance of Gardens and Green Areas) - ES		
Unit of learning outcomes		Vegetable Safety Principles		
	KNOWLEDGE	SKILLS	COMPETENCES	
d) Vegetable Safety Principles	<div>✓ Characterization of undesirable spontaneous vegetation</div> <div>✓ Damaging and beneficial fauna</div> <div>✓ Beneficial agents and different diseases factors.</div> <div>✓ Determination of the sanitary state of plants</div> <div>✓ Characterization of protection methods for plants</div>	<div>She/He</div> <div>–Characterises undesirable spontaneous vegetation describing species present in the area.</div> <div>– Determines the damaging and beneficial fauna for vegetables, relating biological characteristics with the effects on plants.</div> <div>– Determines beneficial agents and those causing diseases and damages that affect plants, describing their characteristics.</div> <div>– Determines the sanitary state of plants, assessing the information obtained in accordance with the established protocol.</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to recognize the sanitary state of plants and the different protection methods.</div> <div>- Controls different plagues, diseases, undesirable plants and disorders</div>	

		<ul style="list-style-type: none"> – Characterises protection methods for plants assessing their effects on their sanitary state. 	
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Title of the qualification		Agricultural Production Technician		0479
EQF level		Level 2 (Installation and Maintenance of Gardens and Green Areas) - ES		
Unit of learning outcomes		Phytosanitary Control		
	KNOWLEDGE	SKILLS	COMPETENCES	
e) Phytosanitary Control	<div>✓ Selection of chemical products</div> <div>✓ Storage and handling of phytosanitary chemical products</div> <div>✓ Application of physical, biological and biotechnical methods</div> <div>✓ Preparation of phytosanitary chemical products</div> <div>✓ Risks arising from the utilization of chemical products</div> <div>✓ Labour risk prevention and environmental protection</div>	<div>She/He</div> <div>– Determines phytosanitary chemical products that must be applied analysing their technical characteristics.</div> <div>– Stores and handles phytosanitary chemical products interpreting the established rules and protocols.</div> <div>– Applies physical, biological and/or biotechnical methods describing and controlling the prescribed techniques.</div> <div>– Prepares phytosanitary chemical products following the established protocol.</div> <div>– Applies phytosanitary chemical</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to carry out the role of selection and application of physical, biological and biotechnical methods, also of phytosanitary chemical products.</div> <div>- Controls different plagues, diseases, undesirable plants and disorders</div>	

		<p>products selecting machinery and equipment.</p> <ul style="list-style-type: none"> – Recognises the risks derived from the use of phytosanitary chemical products according to their composition and action mechanisms, analysing their damaging effects on people and the environment. – Complies with the rules on labour risk prevention and environmental protection, identifying associated risks and measures and equipment to prevent them. 	
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Title of the qualification		Gardening and Floristry Technician		0577
EQF level		Level 2 (Installation and Maintenance of Gardens and Green Areas) - ES		
Unit of learning outcomes		Maintenance and Improvement of Gardens and Green Areas		
	KNOWLEDGE	SKILLS	COMPETENCES	
f) Maintenance and Improvement of Gardens and Green Areas	<div><div>✓</div><div>Maintenanc</div><div>ce and restoration of gardens and green areas</div></div> <div><div>✓</div><div>Irrigation</div><div>and fertilization of gardens and green areas</div></div> <div><div>✓</div><div>Maintenan</div><div>ce non-vegetable elements of gardens and green areas</div></div> <div><div>✓</div><div>Upwards</div><div>displacements</div></div> <div><div>✓</div><div>Work at a</div><div>height</div></div>	<div>She/He</div> <div><div>–</div><div>Maintains and restores gardens or green areas, describing preservation methods and techniques.</div></div> <div><div>–</div><div>Irrigates and fertilizes gardens or green areas, analyzing plant needs and the application techniques.</div></div> <div><div>–</div><div>Maintains non-vegetable elements of the garden or green area, describing the associated tools and techniques.</div></div> <div><div>–</div><div>Carries out upwards displacements, identifying climbing systems and methods.</div></div>	<div>She/He</div> <div><div>-</div><div>Obtains the necessary formation in order to maintain and improve indoor / outer gardens and green areas</div></div>	

		– Works at a height, describing machinery, tools and methods.	
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TITLE OF THE QUALIFICATION: *“Floristry Activities”* (AGA457_2 - Royal Decree 715/2010, May 28th)

EQF LEVEL: 2 (ES)

Competence Units	Professional Modules
UC1468_2. To coordinate and carry out activities of florist companies	0580. Florist's Shops
UC1469_2. To carry out floral compositions	0579. Flower and Plant Arrangements
UC1470_2. To carry out plants compositions	0579. Flower and Plant Arrangements
UC1471_2. To sell and inform about floral products and services	0581. Gardening and Floristry Sale Techniques

Title of the qualification		Gardening and Floristry Technician		0579
EQF level		Level 2 (Floristry Activities) - ES		
Unit of learning outcomes		Flower and Plant Arrangements		
	KNOWLEDGE	SKILLS	COMPETENCES	
a) Flower and Plant Arrangements	<div><div>✓</div><div>Drawing of sketches of flower and plants arrangements (Historical and social foundations; color theory; Light and chiaroscuro; artistic styles...)</div></div> <div><div>✓</div><div>Preparation of flower arrangements (nomenclature, drying techniques, flowers and artificial plants, quality of vegetable material, packaging, ...)</div></div> <div><div>✓</div><div>Preparation of plant arrangements (typologies and morphologies; Quality criteria; containers and vessels; legislation...)</div></div>	<div>She/He</div> <div><div>–</div><div>Draws sketches of flower and plants arrangements, artistic techniques with aesthetic, economic and functional criteria.</div></div> <div><div>–</div><div>Prepares flower arrangements, describing their stages.</div></div> <div><div>–</div><div>Prepares plant arrangements relating aesthetic techniques to the pre-established design.</div></div> <div><div>–</div><div>Prepares arrangements for events, meetings, ceremonies or celebrations, describing artistic techniques.</div></div> <div><div>–</div><div>Adorns wide areas with plants and flowers, describing the</div></div>	<div>She/He</div> <div><div>-</div><div>Obtains the necessary formation in order to carry out floral and plant compositions</div></div>	

	<ul style="list-style-type: none"> ✓ Preparation of arrangements for events and other ones (types of bouquets, adornment,...) ✓ Adornment wide areas (Decorative projects design; decorative elements, environmental legislation...) 	different stages of the decorative project.	
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Title of the qualification		Gardening and Floristry Technician		0580
EQF level		Level 2 (Floristry Activities) - ES		
Unit of learning outcomes		Florist's Shops		
	KNOWLEDGE	SKILLS	COMPETENCES	
b) Florist's Shops	<div>✓ Distribution of rooms and elements in a florist's (rooms, furniture and elements; distribution of spaces...)</div> <div>✓ Organization of activities in a florist's workshop (Work daily tasks, documents, equipment...)</div> <div>✓ Cleaning and maintenance in a florist's workshop</div> <div>✓ Storage and preservation of raw materials, materials and florist products (Stock control, claims, legislation...)</div>	<div>She/He</div> <div>- Distributes the rooms and the elements in a florist's, analyzing technical, practical, aesthetical and comfort criteria.</div> <div>- Organizes the activities carried out in a florist's workshop, describing tasks and interpreting organization methods.</div> <div>- Organizes the cleaning and carries out the maintenance of the facilities, the equipment, the machinery and the tools in a florist's, interpreting protocols and maintenance manuals.</div> <div>- Monitors and organizes the storage and preservation for raw materials, materials and the</div>	<div>She/He</div> <div>Obtains the necessary formation in order to coordinate and carry out the activities of florist companies</div>	

	<p>✓ Set up of window displays and exhibitions (typologies; vegetable elements and complements; placing of products...)</p>	<p>common products in a florist's, describing the associated systems and techniques.</p> <p>- Sets up window displays and exhibitions in the florist's sales room, identifying functional, aesthetic and commercial criteria.</p>	
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Title of the qualification		Gardening and Floristry Technician		0581
EQF level		Level 2 (Floristry Activities) - ES		
Unit of learning outcomes		Gardening and Floristry Sale Techniques		
	KNOWLEDGE	SKILLS	COMPETENCES	
c) Gardening and Floristry Sale Techniques	✓ service Customer	She/He - Helps customers, describing performance protocols and the products and services offered.	She/He - Obtains the necessary formation in order to sell and inform about floral products and services	
	✓ Budgeting	- Produces budgets analyzing the cost of products and services, as well as the preparation tools.		
	✓ Sales processes	- Completes the sale process, describing the procedure for collecting and for the presentation of products.		
	✓ Distribution of products and services	- Organizes the distribution of products, and services describing the procedures to be followed.		
	✓ Claims department and after-sales services	- Resolves complaints and attends suggestions of customers in the after-sales service showing		

		performance criteria and procedures.	
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TITLE OF THE QUALIFICATION: *“Seeds production and management of nursery plants”* (AGA460_2 - Royal Decree 715/2010, May 28th)

EQF LEVEL: 2 (ES)

Competence Units	Professional Modules
UC1479_2. To carry out operations of propagation of nursery plants	0835. Forest Plant Production in Tree Nurseries
UC0525_2. To control plagues, diseases, undesirable plants and disorders	0479. Phytosanitary Control 0409. Vegetable Safety Principles

Title of the qualification		Utilization and Conservation of the Natural Environment Technician		0835
EQF level		Level 2 (Seeds production and management of nursery plants) - ES		
Unit of learning outcomes		Forest Plant Production in Tree Nurseries		
	KNOWLEDGE	SKILLS	COMPETENCES	
a) Forest Plant Production in Tree Nurseries	<div>✓ Mother plants characteristics Seed orchard Fruits and seeds identification Periods and collection areas Harvesting techniques Vegetable material manipulation Environmental legislation...</div> <div>✓ Preparation of the terrain and seedbeds labors Underwood humus Substrates mixture...</div> <div>✓ Sowing techniques Seedbeds protection Machinery and equipment....</div>	<div>She/He</div> <div>– Gathers fruits, seeds and propagating plant material, relating the collection techniques to the species</div> <div>– Prepares the terrain and the seedbed, relating the techniques to the machinery and the equipment</div> <div>– Seeds and implants propagating plant material, describing the techniques</div> <div>– Cultivates forest plants, relating the techniques and equipment to the species</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to develop the role of forest plants producer</div>	

	<p>✓ Forest nursery types and characteristics Irrigation techniques Environmental factors....</p> <p>✓ Forest plant protection techniques Plants extraction Plant conditioning</p>	<p>–Acclimatizes forest species, describing the operations carried out in the tree nursery and in the forest.</p>	
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Title of the qualification		Utilization and Conservation of the Natural Environment Technician		0409
EQF level		Level 2 (Seeds production and management of nursery plants) - ES		
Unit of learning outcomes		Vegetable Safety Principles		
	KNOWLEDGE	SKILLS	COMPETENCES	
b) Vegetable Safety Principles	<div>✓ Spontaneous vegetation typologies Biological description of species Parasitic plants Habitat and species associations....</div> <div>✓ Damaging and beneficial fauna classification Invertebrates, poultry and mammals morphology Insectariums Plagues types...</div> <div>✓ Beneficial agents and different diseases factors Beneficial and damaging biotic agents Diseases ...</div>	<div>She/He</div> <div>–Characterises undesirable spontaneous vegetation describing species present in the area.</div> <div>– Determines the damaging and beneficial fauna for vegetables, relating biological characteristics with the effects on plants.</div> <div>– Determines beneficial agents and those causing diseases and damages that affect plants, describing their characteristics.</div> <div>– Determines the sanitary state of plants, assessing the information obtained in accordance with the</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to recognize the sanitary state of plants and the different protection methods.</div> <div>- Controls different plagues, diseases, undesirable plants and disorders</div>	

	<ul style="list-style-type: none"> ✓ Sampling and techniques sanitary state of plants ✓ Methods of protection of vegetables Indirect methods.... 	<p>established protocol.</p> <p>– Characterises protection methods for plants assessing their effects on their sanitary state.</p>	
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Title of the qualification		Utilization and Conservation of the Natural Environment Technician		0479
EQF level		Level 2 (Seeds production and management of nursery plants) - ES		
Unit of learning outcomes		Phytosanitary Control		
	KNOWLEDGE	SKILLS	COMPETENCES	
c) Phytosanitary Control	<div>✓ Definition of phytosanitary chemical product, characteristics, labeling, legislation</div> <div>✓ Storage of phytosanitary chemical products, rules and protocols Manipulation Emergency measures Legislation</div> <div>✓ Application of physical, biological and biotechnical methods</div> <div>✓ Preparation of phytosanitary chemical products (equipment characteristics, treatment</div>	<div>She/He</div> <div>– Determines phytosanitary chemical products that must be applied analysing their technical characteristics.</div> <div>– Stores and handles phytosanitary chemical products interpreting the established rules and protocols.</div> <div>– Applies physical, biological and/or biotechnical methods describing and controlling the prescribed techniques.</div> <div>– Prepares phytosanitary chemical products following the established protocol.</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to carry out the role of selection and application of physical, biological and biotechnical methods, also of phytosanitary chemical products.</div> <div>- Controls different plagues, diseases, undesirable plants and disorders</div>	

	<p>measures, personal protection equipment, ...)</p> <p>✓ Risks arising from the utilization of chemical products</p> <p>✓ Labour risk prevention and environmental protection (toxicity, factors, risks for the agriculture and environment, legislation...)</p>	<p>– Applies phytosanitary chemical products selecting machinery and equipment.</p> <p>– Recognises the risks derived from the use of phytosanitary chemical products according to their composition and action mechanisms, analysing their damaging effects on people and the environment.</p> <p>– Complies with the rules on labour risk prevention and environmental protection, identifying associated risks and measures and equipment to prevent them.</p>	
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TITLE OF THE QUALIFICATION: *"Gardening and Landscape Restoration"* (AGA00003_3 - Royal Decree 295/2004, February 20th)

EQF LEVEL: 3 (ES)

Competence Units	Professional Modules
UC00009_3. To manage machinery, equipment and gardening facilities	0694. Agroforestry Plants and Machinery

TITLE OF THE QUALIFICATION: *"Gardening and Landscape Restoration"* (AGA00003_3 - Royal Decree 295/2004, February 20th – Royal Decree 108/2008, February 1st Updated)

EQF LEVEL: 3 (ES)

Competence Units	Professional Modules
UC00007_3. To manage and implement parks and gardens, also landscape restoration	0697. Garden Design and Landscape Restoration
UC00008_3. To manage and carry out maintenance of parks and gardens	0698. Gardens and Sport Lawn Preservation 0692. Phytopathology
UC00009_3. To manage machinery, equipment and gardening facilities	0694. Agroforestry Plants and Machinery

Title of the qualification		Forest and Natural Environment Management Higher Technician		0694
EQF level		Level 3 (Gardening and Landscape Restoration) - ES		
Unit of learning outcomes		Agroforestry Plants and Machinery		
	KNOWLEDGE	SKILLS	COMPETENCES	
a) Agroforestry Plants and Machinery	<div>✓ Agricultural areas and spaces Tools and equipment Location and setting-up of equipment, tools... Order and cleanliness in an agricultural workshop Equipment supplies Waste management Operations log in a workshop Human resources</div> <div>✓ Machinabl e materials Basic machinery Manufacturing plans Machinery tools Welding methods Types of welding Quality of a machinery product Human resources...</div> <div>✓ Tractor</div>	<div>She/He</div> <div>- Organizes the installation and the management of the agricultural workshop, analyzing the maintenance needs and the reparations in the cultivation.</div> <div>- Monitors and carries out basic machining and welding operations, analyzing techniques and checking the final product quality.</div> <div>- Controls the functioning of the agroforestry and gardening machinery and plants, analyzing the manuals and use plans.</div> <div>- Schedules and supervises the maintenance of machinery and equipment, analyzing their features and interpreting instruction manuals</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to manage machinery, equipment and gardening facilities.</div>	

	<p>components Typologies of engines Types of tractors Technical specifications...</p> <p>✓ Types of facilities Diagnosis of facilities Tools, equipment and maintenance equipment.....</p> <p>✓ Emergency situations Breakdowns Reparation costs ...</p> <p>✓ Maintenance operations and typologies Maintenance of tractors and machinery equipment Supervision of maintenance tasks...</p> <p>✓ Machinery needs Criteria in order to acquire, renovate or waste equipment....</p> <p>✓ Risk prevention legislation Risk situations and factors Protection equipment...</p>	<p>and plans.</p> <ul style="list-style-type: none"> - Assesses the breakdowns and supervises the repairs and the setting up of plants, machinery and equipment, analyzing their scope, the cost of the intervention and of the tasks fulfilled. - Schedules and monitors the maintenance of machinery and equipment, analyzing their technical specifications and the cultivation's productive goals. - Develops plans for machinery, equipment and plants acquisition, substitution or throw away, analyzing the technical and economic criteria and the cultivation's production plan. - Applies measures of risk prevention, personal security and environmental protection, assessing the work conditions and the risk factors. 	
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Title of the qualification		Landscaping and Rural Environment Higher Technician		0694
EQF level		Level 3 (Gardening and Landscape Restoration) - ES		
Unit of learning outcomes		Agroforestry Plants and Machinery		
	KNOWLEDGE	SKILLS	COMPETENCES	
a) Agroforestry Plants and Machinery	<div>✓ Agricultural areas and spaces Tools and equipment Location and setting-up of equipment, tools... Order and cleanliness in an agricultural workshop Equipment supplies Waste management Operations log in a workshop Human resources</div> <div>✓ Machinabl e materials Basic machinery Manufacturing plans Machinery tools Welding methods Types of welding Quality of a machinery product Human resources...</div> <div>✓ Tractor</div>	<div>She/He</div> <div>- Organizes the installation and the management of the agricultural workshop, analyzing the maintenance needs and the reparations in the cultivation.</div> <div>- Monitors and carries out basic machining and welding operations, analyzing techniques and checking the final product quality.</div> <div>- Controls the functioning of the agroforestry and gardening machinery and plants, analyzing the manuals and use plans.</div> <div>- Schedules and supervises the maintenance of machinery and equipment, analyzing their features and interpreting instruction manuals</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to manage machinery, equipment and gardening facilities.</div>	

	<p>components Typologies of engines Types of tractors Technical specifications...</p> <p>✓ Types of facilities Diagnosis of facilities Tools, equipment and maintenance equipment.....</p> <p>✓ Emergency situations Breakdowns Reparation costs ...</p> <p>✓ Maintenance operations and typologies Maintenance of tractors and machinery equipment Supervision of maintenance tasks...</p> <p>✓ Machinery needs Criteria in order to acquire, renovate or waste equipment....</p> <p>✓ Risk prevention legislation Risk situations and factors Protection equipment...</p>	<p>and plans.</p> <ul style="list-style-type: none"> - Assesses the breakdowns and supervises the repairs and the setting up of plants, machinery and equipment, analyzing their scope, the cost of the intervention and of the tasks fulfilled. - Schedules and monitors the maintenance of machinery and equipment, analyzing their technical specifications and the cultivation's productive goals. - Develops plans for machinery, equipment and plants acquisition, substitution or throw away, analyzing the technical and economic criteria and the cultivation's production plan. - Applies measures of risk prevention, personal security and environmental protection, assessing the work conditions and the risk factors. 	
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Title of the qualification		Landscaping and Rural Environment Higher Technician		0697
EQF level		Level 3 (Gardening and Landscape Restoration) - ES		
Unit of learning outcomes		Garden Design and Landscape Restoration		
	KNOWLEDGE	SKILLS	COMPETENCES	
b) Garden Design and Landscape Restoration	<div>✓Types of gardens Topographical maps interpretation Pedagogical characteristics Environmental factors Zonification Non vegetable factors in a garden...</div> <div>✓Outdoor landscaping projects Machinery and tools Furniture and equipment Covered gardens</div> <div>✓Indoor landscaping projects Environmental conditions Lighting and decoration Creation of an artificial environment...</div>	<div>She/He</div> <div>- Designs indoor and outdoor gardens, analyzing technical, aesthetical and representation factors.</div> <div>- Organizes the tasks required to build an outdoor garden, distributing the tasks to be carried out according to the planting techniques.</div> <div>- Organizes the tasks required to build the project of an indoor garden, distributing the tasks to be carried out according to the planting techniques.</div> <div>- Coordinates the tasks to implement replanting of the natural environment and landscape restoration projects, analyzing</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to manage and implement parks and gardens, also landscape restoration</div>	

	<p>✓ Recovery of soils Recovery of degraded areas Environmental legislation....</p> <p>✓ Native plants Covering materials Energy efficiency systems Collection of rain water Irrigation systems...</p>	<p>techniques and action procedures.</p> <p>- Plans an organic garden, relating environmental conditions, water resources and available equipment to the plants.</p>	
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Title of the qualification		Landscaping and Rural Environment Higher Technician		0698
EQF level		Level 3 (Gardening and Landscape Restoration) - ES		
Unit of learning outcomes		Gardens and Sport Lawn Preservation		
	KNOWLEDGE	SKILLS	COMPETENCES	
c) Gardens and Sport Lawn Preservation	<div>✓ Restoration and maintenance projects Vegetable elements in a garden Green areas maintenance Maintenance tasks Pruning of trees and bushes....</div> <div>✓ Work planning Non vegetable elements and inventory Infrastructures, equipment and furniture Conservation tasks Restoration labors ...</div> <div>✓ Maintenance and restoration sport lawn Scheduling Off season labors machinery, equipment and implements...</div>	<div>She/He</div> <div>- Organizes and performs the maintenance and restoration tasks of the vegetable elements in a garden area, relating the gardening techniques to the preservation processes.</div> <div>- Organizes preservation and restoration tasks in infrastructures, equipment, furniture and non-vegetable elements at parks or garden areas, selecting techniques and gardening tools.</div> <div>- Organizes and controls maintenance and restoration at sports facilities, analyzing methods and techniques applied in grassland species.</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to manage and carry out maintenance of parks and gardens</div>	

	<ul style="list-style-type: none"> ✓ Irrigation – control and management Sampling of leaves, water and soil Health control.... ✓ General principles of tasks at height on trees Signaling work areas Climbing methods Work techniques on trees... 	<ul style="list-style-type: none"> - Programs irrigation and fertilization operations and controls the harmful agents affecting the lawn of sports facilities, analyzing pedo-climatic factors and the needs of the plant. - Programs and organizes tasks at height on trees, analyzing climbing methods and describing machinery, equipment and tools. 	
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Title of the qualification		Landscaping and Rural Environment Higher Technician		0692
EQF level		Level 3 (Gardening and Landscape Restoration) - ES		
Unit of learning outcomes		Phytopathology		
	KNOWLEDGE	SKILLS	COMPETENCES	
d) Phytopathology	<div><div>✓</div><div>Harming and beneficial fauna typologies Spontaneous non desirable vegetation Diseases, plagues Sampling Environmental legislation...</div></div> <div><div>✓</div><div>Phytosanitary control methods Integrated production Measures in order to minimize economic damages...</div></div> <div><div>✓</div><div>General policies of transport of phytosanitary products Manipulation phytosanitary products....</div></div> <div><div>✓</div><div>Risk factors</div></div>	<div>She/He</div> <div><div>- Organizes the follow-up of the plant's health status, describing plagues and diseases and following set procedures.</div><div>- Programs phytosanitary control, analyzing action methods, techniques and protocols and the characteristics of the environment.</div><div>- Monitors the storage and handling of phytosanitary products, interpreting set regulations and protocols.</div><div>- Establishes protection measures for the preparation and application of phytosanitary products, identifying the risks for health and the effects on the environment.</div></div>	<div>She/He</div> <div><div>- Obtains the necessary formation in order to manage and carry out maintenance of parks and gardens</div></div>	

	<p> Risks at long-term Plot situation Toxicity factors Intoxication types...</p> <p>✓ Characterization of phytosanitary products Labels and packages....</p> <p>✓ Characterization of hazardous waste Chemical product waste Containers Actions in order to minimize toxic waste...</p> <p>✓ Organic control methods Eco-certification...</p>	<p>- Organizes and performs the preparation and the application of phytosanitary products, selecting techniques and means.</p> <p>- Coordinates the management of dangerous chemical phytosanitary product waste, following set procedures.</p> <p>- Organizes and performs sanitary handling of the agro system, relating techniques and procedures to the environmental regulations.</p>	
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TITLE OF THE QUALIFICATION: *“Reforestation Management and Silvicultural Treatments”* (AGA228_3 - Royal Decree 665/2007, May 25th)

EQF LEVEL: 3 (ES)

Competence Units	Professional Modules
UC0727_3. To carry out surveying operations involve in agriculture, gardening and forestry	0693. Agrarian Topography
UC0728_3. To manage operations of reforestation and corrections hydrological-forestry	0814. Forest Fire Protection
UC0729_3. To manage forestry treatments	0814. Forest Fire Protection
UC0730_3. To manage machinery, equipment and facilities in forest exploitations	0694. Agroforestry Plants and Machinery

TITLE OF THE QUALIFICATION: *“Reforestation Management and Silvicultural Treatments”* (AGA228_3 - Royal Decree 665/2007, May 25th)

EQF LEVEL: 3 (ES)

Competence Units	Professional Modules
UC0730_3. To manage machinery, equipment and facilities in forest exploitations	0694. Agroforestry Plants and Machinery

Title of the qualification		Forest and Natural Environment Management Higher Technician		0693
EQF level		Level 3 (Reforestation Management and Silvicultural Treatments) - ES		
Unit of learning outcomes		Agrarian Topography		
	KNOWLEDGE	SKILLS	COMPETENCES	
a) Agrarian Topography	<div>✓Plane orientation Study of symbols and inscriptions Measurement units System of coordinates....</div> <div>✓Reconnaissance Sketches, diagrams and drawings Topographical equipment...</div> <div>✓Functioning of the equipment and components Instruction manual Methods of measurement....</div> <div>✓Triangulation Scale drawings Longitudinal sections....</div>	<div>She/He</div> <div>- Reads plans, aerial photographs or maps, analyzing contour lines, scales and topographical symbols.</div> <div>- Organizes the data collection in the countryside, describing the operations to be carried out, the method and the resources.</div> <div>- Operates devices and topographic means, explaining their features and operation and analyzing the established procedure.</div> <div>- Produces maps and plans, describing the techniques of representation and the land surveying measurements.</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to carry out surveying operations involve in agriculture, gardening and forestry</div>	

	✓ Interpretati on of a topographical map Use of topographical devices and methods...	- Rethinks the points and the figures interpreting the plan's information	
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Title of the qualification		Forest and Natural Environment Management Higher Technician		0814
EQF level		Level 3 (Reforestation Management and Silvicultural Treatments) - ES		
Unit of learning outcomes		Forest Fire Protection		
	KNOWLEDGE	SKILLS	COMPETENCES	
b) c) Forest Fire Protection	<div>✓ Forest inventory Cubing of trees....</div> <div>✓ Forestry basis Forestry treatments Selective clearings Specific forestry treatments Environmental legislation...</div> <div>✓ Reforestation Ground preparation Quality of plants in a reforestation Sowing and planting...</div> <div>✓ Soil erosion Prevention of landslides Environmental legislation...</div>	<div>She/He</div> <div>- Monitors and organizes forest fire control and extinguishing, relating the technical considerations and the means to the initiatives to be carried out.</div> <div>- Supervises, monitors and detects forest fires, analyzing the methods and the techniques.</div> <div>- Reports the detection of forest fires, characterizing the techniques, the communication equipment and the action protocols.</div> <div>- Supervises and organizes forest fire control and extinguishing operations, interpreting the instructions received and describing the methods used.</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to manage operations of reforestation and corrections hydrological-forestry</div> <div>- Obtains the necessary formation in order to manage forestry treatments</div>	

	<ul style="list-style-type: none"> ✓ Types of environmental impacts Selection of equipment for different tasks Preparation of reports... ✓ Construction phases Analysis of plans of roads Maintenance of roadside verges, ditches ... 	<ul style="list-style-type: none"> - Collaborates in the research activities of into the causes of forest fires, relating the methods and the techniques to the action protocols. - Applies measures of risk prevention, labor security and environmental protection, assessing the work conditions and the risk factors. 	
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Title of the qualification		Forest and Natural Environment Management Higher Technician		0694
EQF level		Level 3 (Reforestation Management and Silvicultural Treatments) - ES		
Unit of learning outcomes		Agroforestry Plants and Machinery		
	KNOWLEDGE	SKILLS	COMPETENCES	
d) Agroforestry Plants and Machinery	<div>✓ Agricultural areas and spaces Tools and equipment Location and setting-up of equipment, tools... Order and cleanliness in an agricultural workshop Equipment supplies Waste management Operations log in a workshop Human resources</div> <div>✓ Machinabl e materials Basic machinery Manufacturing plans Machinery tools Welding methods Types of welding Quality of a machinery product Human resources...</div>	<div>She/He</div> <div>- Organizes the installation and the management of the agricultural workshop, analyzing the maintenance needs and the reparations in the cultivation.</div> <div>- Monitors and carries out basic machining and welding operations, analyzing techniques and checking the final product quality.</div> <div>- Controls the functioning of the agroforestry and gardening machinery and plants, analyzing the manuals and use plans.</div> <div>- Schedules and supervises the maintenance of machinery and equipment, analyzing their features</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to manage machinery, equipment and gardening facilities.</div>	

	<ul style="list-style-type: none"> ✓ Tractor components Typologies of engines Types of tractors Technical specifications... ✓ Types of facilities Diagnosis of facilities Tools, equipment and maintenance equipment..... ✓ Emergency situations Breakdowns Reparation costs ... ✓ Maintenance operations and typologies Maintenance of tractors and machinery equipment Supervision of maintenance tasks... ✓ Machinery needs Criteria in order to acquire, renovate or waste equipment.... ✓ Risk prevention legislation Risk situations and factors Protection equipment... 	<p>and interpreting instruction manuals and plans.</p> <ul style="list-style-type: none"> - Assesses the breakdowns and supervises the repairs and the setting up of plants, machinery and equipment, analyzing their scope, the cost of the intervention and of the tasks fulfilled. - Schedules and monitors the maintenance of machinery and equipment, analyzing their technical specifications and the cultivation's productive goals. - Develops plans for machinery, equipment and plants acquisition, substitution or throw away, analyzing the technical and economic criteria and the cultivation's production plan. - Applies measures of risk prevention, personal security and environmental protection, assessing the work conditions and the risk factors. 	
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Title of the qualification		Landscaping and Rural Environment Higher Technician		0694
EQF level		Level 3 (Reforestation Management and Silvicultural Treatments) - ES		
Unit of learning outcomes		Agroforestry Plants and Machinery		
	KNOWLEDGE	SKILLS	COMPETENCES	
a) Agroforestry Plants and Machinery	<div>✓ Agricultural areas and spaces Tools and equipment Location and setting-up of equipment, tools... Order and cleanliness in an agricultural workshop Equipment supplies Waste management Operations log in a workshop Human resources</div> <div>✓ Machinabl e materials Basic machinery Manufacturing plans Machinery tools Welding methods Types of welding Quality of a machinery product Human resources...</div> <div>✓ Tractor</div>	<div>She/He</div> <div>- Organizes the installation and the management of the agricultural workshop, analyzing the maintenance needs and the reparations in the cultivation.</div> <div>- Monitors and carries out basic machining and welding operations, analyzing techniques and checking the final product quality.</div> <div>- Controls the functioning of the agroforestry and gardening machinery and plants, analyzing the manuals and use plans.</div> <div>- Schedules and supervises the maintenance of machinery and equipment, analyzing their features and interpreting instruction manuals</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to manage machinery, equipment and gardening facilities.</div>	

	<p>components Typologies of engines Types of tractors Technical specifications...</p> <p>✓ Types of facilities Diagnosis of facilities Tools, equipment and maintenance equipment.....</p> <p>✓ Emergency situations Breakdowns Reparation costs ...</p> <p>✓ Maintenance operations and typologies Maintenance of tractors and machinery equipment Supervision of maintenance tasks...</p> <p>✓ Machinery needs Criteria in order to acquire, renovate or waste equipment....</p> <p>✓ Risk prevention legislation Risk situations and factors Protection equipment...</p>	<p>and plans.</p> <ul style="list-style-type: none"> - Assesses the breakdowns and supervises the repairs and the setting up of plants, machinery and equipment, analyzing their scope, the cost of the intervention and of the tasks fulfilled. - Schedules and monitors the maintenance of machinery and equipment, analyzing their technical specifications and the cultivation's productive goals. - Develops plans for machinery, equipment and plants acquisition, substitution or throw away, analyzing the technical and economic criteria and the cultivation's production plan. - Applies measures of risk prevention, personal security and environmental protection, assessing the work conditions and the risk factors. 	
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TITLE OF THE QUALIFICATION: *“Management and Maintenance of Trees and Ornamental Palm Trees”*
(AGA348_3 - Royal Decree 108/2008, February 1st)

EQF LEVEL: 3 (ES)

Competence Units	Professional Modules
UC1133_3. To manage and carry out tree and ornamental palm trees planting	MF1133_3. Planting of trees and ornamental palm trees
UC1134_3. To evaluate trees and ornamental palm trees	MF1134_3. Evaluation of trees and ornamental palm trees
UC1135_3. To manage and carry out the maintenance and conservation of trees and ornamental palm trees	MF1135_3. Management and carrying out of the maintenance and conservation of trees and ornamental palm trees
UC1119_2. To carry out works at height on trees	MF1119_2. Carrying out of works at height on trees

Title of the qualification		Management and Maintenance of Trees and Ornamental Palm Trees (Certificate)		1133
EQF level		Level 3 (Management and Maintenance of Trees and Ornamental Palm Trees) - ES		
Unit of learning outcomes		Planting of trees and ornamental palm trees		
	KNOWLEDGE	SKILLS	COMPETENCES	
a) Planting of trees and ornamental palm trees	<div>✓ Basic concepts of topography Plan interpretation Implementation designs Graphic design of vegetable elements</div> <div>✓ Irrigation and sewer systems Materials used Techniques, systems and materials for saving water...</div> <div>✓ Interpretation of a project of trees and ornamental palm trees Implementation schedules Ground conditioning Pruning and maintenance....</div> <div>✓ Work assignment Organization of</div>	<div>She/He</div> <div>- Analyses documentation referring to planting of trees and ornamental trees following a gardening project</div> <div>- Carries out a basic design for the implementation on the ground of trees and ornamental trees, using new technologies</div> <div>- Describes and applies basic procedures and techniques for planting using the necessary resources</div> <div>- Identifies and schedules operations to install irrigation and sewer systems according to well-defined guidelines</div> <div>- Analyses procedures and</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to manage and carry out tree and ornamental palm trees planting</div>	

	<p>tasks Management and supervision</p> <p>✓ Occupational risks prevention Environmental legislation Management and conservation of trees and ornamental palm trees</p>	<p>techniques during planting of trees and ornamental palm trees</p> <ul style="list-style-type: none"> - Carries out operations of implementation of trees and ornamental palm trees, applying necessary techniques - Coordinates and controls the human resources in order to guarantee adequate performance indicators. - Explains replenishment processes, repotting plants processes and different cultural labors of trees and ornamental palm trees 	
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Title of the qualification		Management and Maintenance of Trees and Ornamental Palm Trees (Certificate)		1134
EQF level		Level 3 (Management and Maintenance of Trees and Ornamental Palm Trees) - ES		
Unit of learning outcomes		Evaluation of trees and ornamental palm trees		
	KNOWLEDGE	SKILLS	COMPETENCES	
b) Evaluation of trees and ornamental palm trees	<div>✓ Inventory of ornamental trees</div> <div>✓ Morphology and physiology of trees and ornamental palm trees</div> <div>✓ Visual diagnosis of trees and ornamental palm trees</div> <div>✓ Maintenance and conservation program of trees and ornamental palm trees</div> <div>✓ Supervision and staff organization to evaluate trees and ornamental palm trees</div>	<div>She/He</div> <div>- Analyses processes of implementation of inventories of trees and ornamental palm trees over a given area</div> <div>- Selects evaluation techniques of the vegetative state of trees and ornamental palm trees and carries out a visual analysis for programming their maintenance and conservation</div> <div>- Lists and schedules processes of management of trees and ornamental palm trees necessary for their maintenance and conservation</div> <div>- Coordinates and controls the human resources in order to guarantee adequate performance</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to evaluate trees and ornamental palm trees</div>	

	✓ Regulation for evaluation of trees and ornamental palm trees	indicators.	
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Title of the qualification		Management and Maintenance of Trees and Ornamental Palm Trees (Certificate)		1135
EQF level		Level 3 (Management and Maintenance of Trees and Ornamental Palm Trees) - ES		
Unit of learning outcomes		Management and carrying out of the maintenance and conservation of trees and ornamental palm trees		
	KNOWLEDGE		SKILLS	COMPETENCES
c) Management and carrying out of the maintenance and conservation of trees and ornamental palm trees	<div>✓ Conservation and maintenance program of trees and ornamental palm trees</div> <div>✓ Morphology and physiology of trees and ornamental palm trees</div> <div>✓ Aeration of soil and fertilization of singular ornamental trees</div> <div>✓ Irrigation, pruning and other cultural labors of singular ornamental trees</div> <div>✓ Phytosanitary state of trees and ornamental</div>		<div>She/He</div> <div>- Analyses documentation of a maintenance and conservation program of trees and ornamental palm trees</div> <div>- Links organization and supervision processes of aeration of soil, fertilization of trees and ornamental palm trees</div> <div>- Identifies irrigation processes of trees and ornamental palm trees</div> <div>- Defines prevention methods, detection and control of harmful agents, nutritional deficiencies of trees and ornamental palm trees</div> <div>- Prevents and controls usual harmful</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to manage and carry out the maintenance and conservation of trees and ornamental palm trees</div>

	<p>palm trees</p> <ul style="list-style-type: none"> ✓ Replacement and repotting of trees and ornamental palm trees ✓ Supervision and staff organization ✓ Regulation of management and maintenance of trees and ornamental palm trees 	<p>agents of trees and ornamental palm trees</p> <ul style="list-style-type: none"> - Specifies organization and supervision processes of pruning works of trees and ornamental palm trees - Coordinates and controls the human resources in order to guarantee adequate performance indicators according to the objectives and activities in the management of maintenance and conservation of singular ornamental trees 	
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Title of the qualification		Management and Maintenance of Trees and Ornamental Palm Trees (Certificate)		1119
EQF level		Level 3 (Management and Maintenance of Trees and Ornamental Palm Trees) - ES		
Unit of learning outcomes		Carrying out of works at height on trees		
	KNOWLEDGE		SKILLS	COMPETENCES
d) Carrying out of works at height on trees	<div><div>✓</div><div>techniques</div><div>Climbing</div></div> <div><div>✓</div><div>height equipment</div><div>Work at</div></div> <div><div>✓</div><div>techniques</div><div>Pruning</div></div> <div><div>✓</div><div>referred to works at height on trees</div><div>Regulation</div></div>		<div>She/He</div> <div>- Explains climbing techniques and movements on a tree, also defines the different risks on it.</div> <div>- Explains pruning techniques and basic essentials</div> <div>- Practical course: pruning at height</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to carry out works at height on trees</div>

TITLE OF THE QUALIFICATION: *"Floral Art and Floristry Management"* (AGA461_3 - Royal Decree 715/2010, May 28th)

EQF LEVEL: 3 (ES)

Competence Units	Professional Modules
UC1482_3. To organize and supervise floristry activities	MF1482_3. Floristry activities organization
UC1483_3. To design floral compositions and ornaments	MF1483_3. Design of compositions and ornaments in floral art
UC1484_3. To carry out innovative compositions and special ornaments and supervise florist workshop labours	MF1484_3. Carry out special compositions and ornaments in floral art and supervision florist workshop labours
UC1485_3. To manage sales and customer service in a florist's shop	MF1485_3. Sales management and customer service in a florist's shop

Title of the qualification		Floral Art and Floristry Management (Certificate)		1482
EQF level		Level 3 (Floral Art and Floristry Management) - ES		
Unit of learning outcomes		Floristry activities organization		
		KNOWLEDGE	SKILLS	COMPETENCES
a) Floristry organization	activities	<div>✓ Management of provisioning of products, commodities and materials</div> <div>✓ Human resources management</div> <div>✓ Control quality systems of products, commodities and materials</div> <div>✓ Trade promotion in a florist's shop</div>	<div>She/He</div> <div>- Draws up purchase of materials, commodities and products, also outsourcing</div> <div>- Elaborates an organization plan of human resources in a florist's shop, departments, roles and works to be done</div> <div>- Coordinates logistics, production and services of a florist's shop, analyzing and defining the different optimization of resources</div> <div>- Draws up promotional activities describing trade promotion techniques applied in a florist's shop</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to organize and supervise floristry activities</div>

Title of the qualification		Floral Art and Floristry Management (Certificate)		1483
EQF level		Level 3 (Floral Art and Floristry Management) - ES		
Unit of learning outcomes		Design of compositions and ornaments in floral art		
	KNOWLEDGE	SKILLS	COMPETENCES	
b) Design of compositions and ornaments in floral art	<div>✓ Carry out floral art</div> <div>✓ Use of artistic and esthetic criteria in floral art</div> <div>✓ Elaboration of prototypes or models of floral compositions and ornaments</div> <div>✓ Implementation and supervision of corporate identity in products and services</div> <div>✓ Basic legislation in floral art</div>	<div>She/He</div> <div>- Designs compositions and ornaments of floral art according to the different composition styles, art-making forms, techniques, commodities and materials</div> <div>- Evaluates the economic viability of floral new products and services, analyzing the different factors that determine its market acceptance</div> <div>- Establishes a corporate identity of a florist's shop</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to design floral compositions and ornaments</div>	

Title of the qualification		Floral Art and Floristry Management (Certificate)		1484
EQF level		Level 3 (Floral Art and Floristry Management) - ES		
Unit of learning outcomes		Carry out special compositions and ornaments in floral art and supervision florist workshop labours		
	KNOWLEDGE	SKILLS	COMPETENCES	
c) Carry out special compositions and ornaments in floral art and supervision florist workshop labours	<div>✓ Elaboration of innovative and special compositions in floral art</div> <div>✓ Application of techniques and general foundations in floral art and supervision</div> <div>✓ Coordinati on of decorative works and ambiance settings</div> <div>✓ Basic legislation in floral composition and supervision</div>	<div>She/He</div> <div>- Applies techniques of floral art in the development of innovative and special compositions analyzing and describing own floristry methods</div> <div>- Applies supervision procedures in the development and finishing of floral compositions</div> <div>- Coordinates and supervises decorative works and ambiance settings with flowers and plants, analyzing and describing techniques applied.</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to carry out innovative compositions and special ornaments and supervise florist workshop labours</div>	

Title of the qualification		Floral Art and Floristry Management (Certificate)		1485
EQF level		Level 3 (Floral Art and Floristry Management) - ES		
Unit of learning outcomes		Sales management and customer service in a florist's shop		
	KNOWLEDGE	SKILLS	COMPETENCES	
d) Sales management and customer service in a florist's shop	<div>✓ Customer Services in a florist's shop</div> <div>✓ Management in a commercial department (Florist's shop)</div> <div>✓ Management of customers claims</div> <div>✓ Economic monitoring of a florist's shop</div> <div>✓ Basic legislation (Management florist's shop)</div>	<div>She/He</div> <div>- Analyses customer service techniques</div> <div>- Organizes the functioning of the commercial department of a florist's shop defining processes and techniques applied</div> <div>- Solves claims analyzing their causes extracting information and describing techniques applied</div> <div>- Carries out sales activity reports of a florist's shop describing the main information systems and analyzing the different factors that influence in the commercial management</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to manage sales and customer service in a florist's shop</div>	

TITLE OF THE QUALIFICATION: *"Seeds production and nursery plants management"* (AGA464_3 - Royal Decree 715/2010, June 18th)

EQF LEVEL: 3 (ES)

Competence Units	Professional Modules
UC1492_3. To manage operations of propagation of nursery plants	0811. Management and Organization of the Tree Nursery

TITLE OF THE QUALIFICATION: *"Seeds production and nursery plants management"* (AGA464_3 - Royal Decree 715/2010, May 28th)

EQF LEVEL: 3 (ES)

Competence Units	Professional Modules
UC1492_3. To manage operations of propagation of nursery plants	0691. Plant Nursery Management and Organisation
UC1493_3. To manage the cultivation of plants and sods in nursery plants	0691. Plant Nursery Management and Organisation 0692. Phytopathology
UC1132_3. To manage the machinery, equipment and facilities of an agricultural concern	0694. Agroforestry Machinery and Installations

Title of the qualification		Forest and Natural Environment Management Higher Technician		0811
EQF level		Level 3 (Seeds production and nursery plants management) - ES		
Unit of learning outcomes		Management and Organization of the Tree Nursery		
	KNOWLEDGE	SKILLS	COMPETENCES	
a) Management and Organization of the Tree Nursery	<div>✓ Planning production of the tree nurseries (methods, characteristics, Zonification...)</div> <div>✓ Organization of the procurement processes and preparation of fruits, seeds and plants (Sowing, classification of seeds, storage and conservation...)</div> <div>✓ Coordination of implementation process (coordination and organization, amount of seed, soil preparation, sowing, germination, machinery...)</div>	<div>She/He</div> <div>- Plans the production of tree nurseries, analyzing the plant production systems and the surface to replant.</div> <div>- Organizes the procurement process and fruits, seeds and plant material preparation, relating the techniques to the ecological and bioclimatic parameters.</div> <div>- Coordinates the implementation process for plant material in tree nurseries, analyzing the preparation techniques for the culture and sowing medium and for the placing of propagules.</div> <div>- Schedules cultivation operations,</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to manage operations of propagation of nursery plants</div>	

	<ul style="list-style-type: none"> ✓ Scheduling cultivation processes (Coordination and organization of human resources and materials, environmental control parameters, irrigation control, environmental legislation...) ✓ Coordination of acclimation operations (Preparation of plants to reforest, storage of saplings, machinery...) 	<p>describing the cultivation techniques.</p> <ul style="list-style-type: none"> - Coordinates the acclimation operation, describing the cultivation techniques. 	
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Title of the qualification		Landscaping and Rural Environment Higher Technician		0691
EQF level		Level 3 (Seeds production and nursery plants management) - ES		
Unit of learning outcomes		Plant Nursery Management and Organisation		
	KNOWLEDGE	SKILLS	COMPETENCES	
a) Plant Nursery and Organisation	<div>✓ Organization of recollection processes (Selection of old growths, fruits and seeds – identification, harvesting, materials of recollection, lots control...)</div> <div>✓ Organization of preparation of fruits, seeds and plant propagation material (Mother plants selection, handling of fruits and seeds, seed cleaning, storage...)</div> <div>✓ Management (conversion of normal nurseries to ecological nurseries, soil preparation – techniques, techniques of vegetative propagating...)</div>	<div>She/He</div> <div>- Organizes fruit and seed recollection processes, analyzing production techniques on soil and at height.</div> <div>- Organizes the preparation processes for fruits, seeds and plant propagation materials, analyzing the techniques and the treatments to be performed before the planting.</div> <div>- Manages the process of collecting seeds and organic plants, analyzing organic production techniques.</div> <div>- Coordinates the planting process of plant material in nurseries to produce plants and sods,</div>	<div>She/He</div> <div>- Obtains the necessary formation in order to manage operations of propagation of nursery plants</div> <div>- Obtains the necessary formation in order to manage the cultivation of plants and sods in nursery plants</div>	

	<ul style="list-style-type: none"> ✓ Coordinati on the planting process (Taking of samples, vessels, soil preparation, sowing, germination...) ✓ Managem ent of transplanting (Plant maturity, selection of samples, conditions for extracting, handling extracted plants...) ✓ Irrigation, organic irrigation and environmental control (Environmental control, environmental control in nurseries – systems, nutritional needs, types of fertilizer...) ✓ Cultural operations for plants (Cultural labors in nurseries, cultural labors according to species and state, plagues and diseases in nurseries, phytosanitary treatments...) ✓ Organizatio n of plants and sods (Sod extraction, quality criteria of plants and sods, labelling...) 	<p>analyzing the techniques used to prepare the methods for growing, sowing and propagules placement methods.</p> <ul style="list-style-type: none"> - Manages the transplanting process of different species in a nursery, analyzing and applying digging and acclimatization techniques. - Programs irrigation, organic irrigation and environmental control, analyzing soil and environment conditions as well as the needs of the plants. - Drafts a program of culture operations for plants, relating the techniques to be applied according to the culture. - Organizes plant and sod dispatching operations, describing conditioning and transport techniques. 	
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Title of the qualification		Landscaping and Rural Environment Higher Technician		0692
EQF level		Level 3 (Seeds production and nursery plants management) - ES		
Unit of learning outcomes		Phytopatology		
	KNOWLEDGE	SKILLS	COMPETENCES	
b) Phytopathology	<div><div>✓</div><div>Harming and beneficial fauna typologies Spontaneous non desirable vegetation Diseases, plagues Sampling Environmental legislation...</div></div> <div><div>✓</div><div>Phytosanitary control methods Integrated production Measures in order to minimize economic damages...</div></div> <div><div>✓</div><div>General policies of transport of phytosanitary products Manipulation phytosanitary products....</div></div> <div><div>✓</div><div>Risk factors</div></div>	<div>She/He</div> <div><div>- Organizes the follow-up of the plant's health status, describing plagues and diseases and following set procedures.</div><div>- Programs phytosanitary control, analyzing action methods, techniques and protocols and the characteristics of the environment.</div><div>- Monitors the storage and handling of phytosanitary products, interpreting set regulations and protocols.</div><div>- Establishes protection measures for the preparation and application of phytosanitary products, identifying the risks for health and the effects on the environment.</div></div>	<div>She/He</div> <div><div>- Obtains the necessary formation in order to manage the cultivation of plants and sods in nursery plants</div></div>	

	<p> Risks at long-term Plot situation Toxicity factors Intoxication types...</p> <p>✓ Characterization of phytosanitary products Labels and packages....</p> <p>✓ Characterization of hazardous waste Chemical product waste Containers Actions in order to minimize toxic waste...</p> <p>✓ Organic control methods Eco-certification...</p>	<p>- Organizes and performs the preparation and the application of phytosanitary products, selecting techniques and means.</p> <p>- Coordinates the management of dangerous chemical phytosanitary product waste, following set procedures.</p> <p>- Organizes and performs sanitary handling of the agro system, relating techniques and procedures to the environmental regulations.</p>	
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Title of the qualification		Landscaping and Rural Environment Higher Technician		0694
EQF level		Level 3 (Seeds production and nursery plants management) - ES		
Unit of learning outcomes		Agroforestry Machinery and Installations		
	KNOWLEDGE	SKILLS	COMPETENCES	
c) Agroforestry Machinery and Installations	✓ Agricultural areas and spaces Tools and equipment Location and setting-up of equipment, tools... Order and cleanliness in an agricultural workshop Equipment supplies Waste management Operations log in a workshop Human resources	She/He - Organizes the installation and the management of the agricultural workshop, analyzing the maintenance needs and the reparations in the cultivation. - Monitors and carries out basic machining and welding operations, analyzing techniques and checking the final product quality.	- Obtains the necessary formation in order to manage the machinery, equipment and facilities of an agricultural concern	
	✓ Machinable materials Basic machinery Manufacturing plans Machinery tools Welding methods Types of welding Quality of a machinery product Human resources...	- Controls the functioning of the agroforestry and gardening machinery and plants, analyzing the manuals and use plans. - Schedules and supervises the maintenance of machinery and equipment, analyzing their features and interpreting instruction manuals		
	✓ Tractor			

	<p>components Typologies of engines Types of tractors Technical specifications...</p> <p>✓ Types of facilities Diagnosis of facilities Tools, equipment and maintenance equipment.....</p> <p>✓ Emergency situations Breakdowns Reparation costs ...</p> <p>✓ Maintenance operations and typologies Maintenance of tractors and machinery equipment Supervision of maintenance tasks...</p> <p>✓ Machinery needs Criteria in order to acquire, renovate or waste equipment....</p> <p>✓ Risk prevention legislation Risk situations and factors Protection equipment...</p>	<p>and plans.</p> <ul style="list-style-type: none"> - Assesses the breakdowns and supervises the repairs and the setting up of plants, machinery and equipment, analyzing their scope, the cost of the intervention and of the tasks fulfilled. - Schedules and monitors the maintenance of machinery and equipment, analyzing their technical specifications and the cultivation's productive goals. - Develops plans for machinery, equipment and plants acquisition, substitution or throw away, analyzing the technical and economic criteria and the cultivation's production plan. - Applies measures of risk prevention, personal security and environmental protection, assessing the work conditions and the risk factors. 	
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Germany:

Existing qualifications and/or training curricula	Country:	Germany
	Partner:	SBG

Occupation:	Floristry	Horticulture / production	Landscaping
EQF level:			
2	<p>Über Quereinstieg kein anerkannter Beruf</p> <p>No recognised profession via cross-entry</p>	<p>Qualifizierter Zuarbeiter im Gartenbau für Menschen mit Behinderung</p> <p>Qualified horticulturist for people with disabilities</p>	<p>Qualifizierter Zuarbeiter im Garten- und Landschaftsbau für Menschen mit Behinderung/ Personen die (noch) nicht Ausbildungsfähig sind</p> <p>Ausbildungsdauer 2 Jahre</p> <p>mit Option anschließender Werker Ausbildung</p> <p>Qualified assistant in gardening and landscaping for people with disabilities/persons who are not (yet) capable of training</p> <p>Duration of training 2 years</p>

			with option of subsequent worker training http://www.blwg.eu/index.php/2012-02-28-20-24-45/ausbildung-gartenbau/ausbildung-gartenbau-tq
3	Über Quereinstieg, kein anerkannter Berufsabschluss No recognised profession via cross-entry	Werker im Gartenbau Workpeople in horticulture Ausbildungsregelung http://www.gruene-berufe.sachsen.de/download/2018FachpraktikerGartenbau.pdf Ausbildungszeit 3 Jahre	Werker im Garten- und Landschaftsbau Workpeople in gardening and landscaping
Verantwortlich		Sächsisches Landesamt für Umwelt, Landwirtschaft und Geologie (LfuLg) Saxon State Office for the Environment, Agriculture and Geology (LfuLg)	
Inhalt		http://www.gruene-berufe.sachsen.de/download/2018FachpraktikerGartenbau.pdf Gliederung in Lernfelder Structure in learning fields	
4	Ausbildungsberuf Florist/ Floristin Apprenticeship florist	Ausbildungsberuf Gärtner in verschiedenen Fachrichtungen	Gärtner für Garten- und Landschaftsbau

	Ausbildungszeit 3 Jahre	Apprenticeship gardeners in various disciplines Ausbildungszeit 3 Jahre	Gardener for gardening and landscaping
Verantwortlich	<p>Bundesministerium für Wirtschaft im Einvernehmen mit Bundesministerium für Bildung Wissenschaft Forschung und Technik</p> <p>Berufsausbildungsverordnung vom 28.02.1997</p> <p>Federal Ministry of Economics in agreement with the Federal Ministry of Education Science Research and Technology</p> <p>Vocational Training Regulation of 28. January 1997</p> <p>02.07.2002 (BGBl. I S. 2480)</p>	<p>Landesamt für Umwelt, Landwirtschaft und Geologie Saxon State Office for the Environment, Agriculture and Geology (LfuLg)</p> <p>Berufsausbildungsverordnung vom 1.08.1996</p> <p>Vocational Training Regulation of 01.08.1996</p>	<p>- gehört in Deutschland zu den Gärtnern</p> <p>-is one of the gardeners qualifications in Germany</p>
Inhalt	<p>Grundkompetenzen</p> <ol style="list-style-type: none"> 1. Arbeitsorganisation 2. Material (pflanzlich und nicht pflanzlich) und Werkzeuge 3. Techniken 4. Gestaltung 	<p>Je nach Fachrichtung kann der Einsatz in Produktionsbetrieben und im Dienstleistungsgewerbe erfolgen.</p> <p>Typische Tätigkeitsbereiche sind:</p>	

	<ul style="list-style-type: none"> 5. Themenbezogene Floristik 6. Anlassbezogene Floristik 7. Raumbezogene Floristik 8. Marketing und Vertrieb 9. Unternehmensführung 10. Personalführung und Aus- und Weiterbildung 11. Qualitätskontrolle / Assessment 12. Arbeitssicherheit und Umweltschutz <p>basic skills</p> <ul style="list-style-type: none"> 1. labor organization 2. Material (plant and non-plant) and tools 3. techniques 3. design 4. Thematic floristry 5. Event-related floristry 6. Space-related floristry 7. Marketing and sales 8. Business Management 9. Personnel management and training 10. Quality Control / Assessment 11. Occupational safety and environmental protection 	<ul style="list-style-type: none"> - Anzucht von Jungpflanzen - Produktion von gärtnerischen Kulturen - Erzeugung von Pflanzenprodukten - Bau und Gestaltung von Freiflächen - Durchführung von Pflegemaßnahmen - Beratung und Verkauf - Handel mit gärtnerischen Erzeugnissen - Gestaltung und Schutz der Umwelt <p>Depending on the specialization, activity in production plants and in the service sector can be to follow.</p> <p>Typical areas of activity are:</p> <ul style="list-style-type: none"> - Cultivation of young plants - Production of horticultural crops - Production of plant products - Construction and design of open spaces - Implementation of care measures - Consulting and sales - Trade in gardening products - Design and protection of the environment 	
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	<p>Typische Tätigkeitsbereiche sind:</p> <ul style="list-style-type: none"> - Entwerfen und Gestalten von Blumen- und Pflanzenschmuck mit unterschiedlichen Techniken und für alle Anlässe - Frischhalten von Schnittblumen durch geeignete Maßnahmen - Pflege, Schutz und Düngung von Pflanzen - Verkaufen von Blumen und Pflanzen, floristischen Arrangements sowie Gefäßen und Beiwerk - individuelles Beraten zur Auswahl und Pflege von Blumen und Pflanzen sowie der floristischen Produkte - Einkauf von Waren und Kalkulation von Werkstoff, Material und Preis - Anbieten von Kundendiensten und Dienstleistungen <p>Typical areas of activity are:</p>	<p>Fachgebiete:</p> <p>Baumschule</p> <p>Friedhofsgärtnerei</p> <p>Garten- und Landschaftsbau</p> <p>Gemüsebau</p> <p>Obstbau</p> <p>Staudengärtnerei</p> <p>Zierpflanzenbau</p> <p>Fields:</p> <p>Tree nursery</p> <p>Cemetery nursery</p> <p>Gardening and landscaping</p> <p>Vegetable growing</p> <p>fruit growing</p> <p>perennial nursery</p>	
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	<ul style="list-style-type: none"> - Designing and designing flower and plant decorations using different techniques and for all occasions - Keeping cut flowers fresh by appropriate measures - Care, protection and fertilization of plants - Selling flowers and plants, floristic arrangements as well as vessels and side-by-side - individual advice on the selection and care of flowers and plants as well as floristic products - Purchase of goods and calculation of material, material and price - Providing after-sales services and services 	<p>Ornamental plant construction</p> <p>Gliederung : 1.Ausbildungsjahr –Grundbildung</p> <p>1st year of training -Basic education</p>	
5			
6	<p>Floristmeister</p> <p>Vollzeit 1 Jahr Berufsbegleitend 1,5 Jahre</p>	<p>Meister im Gartenbau</p> <p>Master in Horticulture</p>	
Verantwort	Bundeswirtschaftsministerium in	Bundesrepublik Deutschland,	

tlich	<p>Abprache mit dem Bundesministerium für Bildung Wissenschaft Forschung und Technologie</p> <p>Verantwortlich: IHK</p> <p>Federal Ministry of Economics in agreement with the Federal Ministry of Education Science Research and Technology</p> <p><i>Responsible: IHK</i></p>	<p>vertreten durch die Bundesministerin der Justiz und für Verbraucherschutz</p> <p>http://www.gesetze-im-internet.de/gartmstrv/index.html</p> <p>Verantwortlich: LfULG</p> <p>Federal Republic of Germany, represented by the Federal Minister of Justice and Consumer Protection</p> <p><i>Responsible: LfULG</i></p>	
Inhalt	<p>Ausführliche und umfassende persönliche und fachliche Kompetenzen</p> <ol style="list-style-type: none"> 1. Arbeitsorganisation 2. Material (pflanzlich und nicht pflanzlich) und Werkzeuge 3. Techniken 4. Gestaltung 5. Themenbezogene Floristik 6. Anlassbezogene Floristik 7. Raumbezogene Floristik 8. Marketing und Vertrieb 	<p>Fachrichtung Zierpflanzenbau mit Marketing und Gestaltung</p> <ul style="list-style-type: none"> • optional modulare Vertiefung im Produktionsgartenbau <p>Fachrichtung Staudengärtnerei</p> <p>Fachrichtung Friedhofsgartenbau</p> <p>Fachrichtungen Baumschule</p> <p>Fachrichtungen Garten- und Landschaftsbau</p> <p>Fachrichtungen Gemüsebau</p>	

	<p>9. Unternehmensführung</p> <p>10. Personalführung und Aus- und Weiterbildung</p> <p>11. Qualitätskontrolle / Assessment</p> <p>12. Arbeitssicherheit und Umweltschutz</p> <p>Comprehensive personal and professional skills</p> <ol style="list-style-type: none"> 1. labor organization 2. Material (plant and non-plant) and tools 3. techniques 4. design 5. Thematic Floristics 6. Event-related floristry 7. Space-related floristry 8. Marketing and sales 9. Business Management 10. Personnel management and training 11. Quality Control / Assessment 12. Occupational safety and environmental protection 	<p>Fachrichtungen Obstbau</p> <p>Specializing in ornamental plant cultivation? with marketing and design</p> <ul style="list-style-type: none"> • optional modular recess in production horticulture <p>Specialty perennial plants/ nursery</p> <p>Specialization cemetery horticulture</p> <p>Tree nursery</p> <p>Fields of gardening and landscaping</p> <p>Fields of vegetable growing gardening</p> <p>Fields of fruit production/growering</p> <ol style="list-style-type: none"> 1. 	

Assessment procedures				Countr y:	Deutschland
Occupation :	Floristry	Horticulture / production	Landscaping		
EQF level:					
3	-	<p>Werker in verschiedenen Fachrichtungen Workpeople in horticulture in deifferent disciplines</p>	<p>Gehört zu den Gärtnern Belongs to the gardeners</p>		
		<p>Zwischenprüfung schriftlich und praktisch</p> <p>Abschlussprüfung schriftlich und praktisch</p> <p>Prüfungsfragen siehe Examination questions see https://www.lwk-niedersachsen.de/index.cfm/portal/berufbildung/nav/841/action/downloadcenter.html?gn=1</p>			
4	Florist Facharbeiter	<p>Gärtner in verschiedenen Fachrichtungen Gardeners in different disciplines</p>	<p>Gehört zu den Gärtnern Belongs to the gardeners</p>		
	<p>Zuständige Stelle: IHK Responsible body: Chamber of Commerce</p>				
	Zwischenprüfung gegliedert in	Zwischenprüfung gegliedert in			

	<ul style="list-style-type: none"> ▪ Schriftlich und ▪ praktische Prüfung <ul style="list-style-type: none"> ➤ Werkproben(Drahtungen) ➤ Strauß ➤ Kranzbinden <p>- etwa in der Hälfte der 3 Jährigen Ausbildung</p> <p>Intermediate exam divided into</p> <ul style="list-style-type: none"> ▪ written and ▪ Practical exam <ul style="list-style-type: none"> ➤ work samples (wirings) ➤ binding bouquet ➤ wreaths <p>- in about half of the 3 year olds training</p>	<ul style="list-style-type: none"> ▪ Schriftlich (90 Minuten) und ▪ praktische Prüfung (höchstens 3 Stunden) ➤ Durchführen von Arbeiten an der Pflanze ➤ Einsatz von Werkzeugen und Geräten ➤ Vermehren von Pflanzen, ➤ Be- und Verarbeiten von Materialien und Werkstoffen, ➤ Durchführen von Bodenbearbeitungsmaßnahmen, ➤ Durchführen von Pflegemaßnahmen an Maschinen, Geräten oder baulichen Anlagen. ▪ Prüfungsgespräch <p>- vor Ende des 2. Ausbildungsjahres</p> <p>Intermediate examination divided into</p> <ul style="list-style-type: none"> ▪ Written (90 minutes) and ▪ Practical examination (maximum 3 hours) ➤ Carrying out work on the plant ➤ Use of tools and equipment ➤ Propagation of plants, ➤ Working and processing materials, ➤ Carrying out tillage measures, ➤ Carrying out maintenance measures on machines, 	
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	<p>Abschlussprüfung gegliedert in</p> <ul style="list-style-type: none"> ▪ Schriftliche Prüfung <ul style="list-style-type: none"> ➤ Technologie ➤ Warenwirtschaft ➤ Sozialkunde ▪ Mündliche Prüfung ▪ Praktische Prüfung <p>➤ Werkproben (Strauß, Gesteck, Pflanzung)</p> <p>➤ Komplexe Prüfungsaufgabe (Hochzeit-, Trauer-, Raum – oder Tischschmuck)</p> <p>Final exam divided in</p> <ul style="list-style-type: none"> ➤ Written exam <ul style="list-style-type: none"> ➤ technology ➤ ERP ➤ social studies ➤ Oral exam 	<p>equipment or construction equipment.</p> <ul style="list-style-type: none"> ○ Examination interview <p>- before the end of the second year of training</p> <p>Abschlussprüfung gegliedert in</p> <ul style="list-style-type: none"> ▪ Schriftliche Prüfung inkl. mündlicher Prüfung <ul style="list-style-type: none"> ➤ Pflanzenkenntnisse (schriftlich) ➤ Anbau/ Kulturführung/ Landschaftsgärtnerisches Arbeiten (mündlich) ➤ Betriebliche Zusammenhänge (schriftl.) ➤ Wirtschafts-und Sozialkunde (schriftl.) ▪ Praktische Prüfung (5 x 40 min oder 4 Std.) <p>www.km-bw.de</p>	<p>Abschlussprüfung gegliedert in</p> <ul style="list-style-type: none"> ▪ Schriftliche Prüfung inkl. mündlicher Prüfung <ul style="list-style-type: none"> ➤ Pflanzenkenntnisse (schriftlich) ➤ Anbau/ Kulturführung/ Landschaftsgärtnerisches Arbeiten (mündlich) ➤ Betriebliche Zusammenhänge (schriftl.) ➤ Wirtschafts-und Sozialkunde (schriftl.) ▪ Praktische Prüfung- gärtnerisches Gesamtwerk/ Baustelle (1 Aufgabe bestehend aus Teilaufgaben mindestens 4 Std.) <p>Themen:</p> <ul style="list-style-type: none"> a) Vorbereiten, Einrichten und Abwickeln von Baustellen, b) Ausführen von Erdarbeiten sowie Be- und Entwässerungsmaßnahmen, c) Herstellen von befestigten Flächen, d) Herstellen von Bauwerken in
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	<ul style="list-style-type: none"> ➤ Practical exam <ul style="list-style-type: none"> ➤ Works samples (bouquet, arrangement, planting) ➤ Complex examination (wedding-, funeral-, room- or table decoration) 		<p>Außenanlagen, e) Ausführen von vegetationstechnischen Arbeiten</p> <p>Prüfungsbereich Baustellenabwicklung und Bautechnik soll dabei mit mindestens drei Aufgaben und der Bereich Vegetationstechnik mit mindestens einer Aufgabe vertreten</p>
6	<i>Floristmeister</i>	<p>Staatlich geprüfter Wirtschaftler Gartenbau oder Meister im Gartenbau oder</p> <p>Master in horticulture or State-certified economist</p>	
	<p>Prüfungsverordnung vom 01.09.2001 Bundesministerium für Bildung und Forschung</p> <p>Zuständige Stelle: IHK</p> <p>Examination Ordinance of 01.09.2001 Federal Ministry of Education and Research</p>	<p>Prüfungsverordnung vom 12.08.1997</p> <p>http://www.gesetze-im-internet.de/gartmstrv/BJNR204600997.html</p>	

	<p>Responsible body: IHK</p> <p>https://www.bibb.de/tools/berufesuche/index.php/certificate_supplement/de/floristmeister_d.pdf</p>		
	<p>Prüfung gegliedert in</p> <ul style="list-style-type: none"> ▪ Schriftliche Prüfung ▪ Mündliche Prüfung ▪ Praktische Prüfung <p>Bezogen auf</p> <p>1. Handlungsbereiche</p> <ul style="list-style-type: none"> ➤ Unternehmensführung ➤ Interne und externe Kommunikation ➤ Mitarbeiter und Personalentwicklung ➤ Ausbildung ➤ Planung, Organisation, ➤ Beschaffung und Pflege ➤ Präsentation und Vermarktung ➤ Fertigung und Kontrolle <p>2. Handlungsobjekte</p> <ul style="list-style-type: none"> ➤ Themenbezogene Floristik ➤ Raumbezogene Floristik ➤ Anlassbezogene Floristik <p>Exam divided into</p> <ul style="list-style-type: none"> ▪ Written exam ▪ Oral exam 	<p>Prüfung gegliedert in</p> <p>1. staatlichen Wirtschaftsprüfung</p> <p>2. berufsständische</p> <p>Gärtnermeisterprüfung</p> <ul style="list-style-type: none"> ▪ Prüfungsteil „Produktion, Dienstleistung und Vermarktung“ ▪ Prüfungsteil „Betriebs- und Unternehmensführung“ ▪ Prüfungsteil „Berufsausbildung und Mitarbeiterführung“ <p>Examination divided into</p> <ul style="list-style-type: none"> ▪ Examination part "Production, service and marketing" ▪ Examination section "Operational and Corporate Governance" ▪ Examination part "Vocational training and employee management" ▪ <p>„Produktion, Dienstleistung und Vermarktung“</p> <p>1. Praxisbezogene Aufgabe</p> <p>Die/der Prüfungsteilnehmer/in reicht</p>	

	<ul style="list-style-type: none"> ▪ Practical exam <p>Related to</p> <p>1.Fields of action for exams</p> <ul style="list-style-type: none"> ➤ Management ➤ Internal and external communication ➤ Employees and personnel development ➤ training ➤ planning, organization, ➤ procurement and maintenance ➤ presentation and marketing ➤ Production and inspection <p>2. action items</p> <ul style="list-style-type: none"> ➤ Thematic Floristics ➤ Room-related floristry ➤ Event-related floristry 	<p>zwei Aufgabenvorschläge ein, sie werden bei der Auswahl des Themas berücksichtigt. Für die praxisbezogene Aufgabe stehen bis zu drei Monate zur Verfügung. Die Ergebnisse sind schriftlich darzustellen und in einem Prüfungsgespräch zu erläutern. Das Prüfungsgespräch soll nicht länger als 60 Minuten dauern.</p> <p>2. Schriftliche Prüfung</p> <p>Die schriftliche Prüfung besteht aus einer Arbeit zu einer komplexen Aufgabe und soll nicht länger als drei Stunden dauern. Production, service and marketing"</p> <p>Production, service and marketing</p> <p>1. Practical task</p> <p>The subject submits two job suggestions and will be taken into account when selecting the topic. Up to three months are available for the practical task. The results must be presented in writing and explained in an interview. The exam interview should not last longer than 60 minutes.</p> <p>2. Written examination</p> <p>The written examination consists of a work on a complex task and should not</p>	
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		<p>last longer than three hours.</p> <p>Prüfungsteil „Betriebs- und Unternehmensführung“</p> <p>1. Betriebsbeurteilung Bei der Betriebsbeurteilung soll die/der Prüfungsteilnehmer/in im Zeitrahmen von drei Stunden in einer schriftlichen Arbeit einen Betrieb erfassen, analysieren und beurteilen sowie Entwicklungsmöglichkeiten aufzeigen. Die Ergebnisse sind in einem 30 minütigen Prüfungsgespräch zu erläutern.</p> <p>2. Schriftliche Prüfung Die schriftliche Prüfung besteht aus einer Arbeit zu einer komplexen Aufgabe und soll nicht länger als drei Stunden dauern.</p> <p>Examination part "Operational and Corporate Governance"</p> <p>1. Operational assessment In the course of the operational assessment, the test participant should record, analyse and assess a company in a written work within a time frame of three hours, as well as show development</p>	
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		<p>opportunities. The results shall be explained in a 30-minute interview.</p> <p>2. Written examination</p> <p>The written examination consists of a work on a complex task and should not last longer than three hours.</p> <p>Prüfungsteil „Berufsausbildung und Mitarbeiterführung“ Abschnitt Berufsausbildung</p> <p>1. Der praktische Teil besteht aus einer schriftlich zu planenden und praktisch durchzuführenden Ausbildungssituation (60 Minuten stehen zur Verfügung; Empfehlung: 40 Minuten) und einem dazugehörigen Fachgespräch (nicht länger als 30 Minuten). Für die Ausbildungssituation werden vom Prüfling drei Vorschläge eingereicht, die bei der Auswahl des Themas berücksichtigt werden.</p> <p>2. Schriftliche Prüfung: Im schriftlichen Teil sollen in höchstens 2 ½ Stunden fallbezogene Aufgaben zur Berufsausbildung bearbeitet werden.</p> <p>Examination part "Vocational training and employee management"</p>	
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		<p>Section Vocational Training</p> <p>1. The practical part consists of a training situation to be planned in writing and practical (60 minutes are available; Recommendation: 40 minutes) and a corresponding technical discussion (no longer than 30 minutes). For the training situation, three proposals are submitted by the subject, which will be taken into account in the selection of the topic.</p> <p>2. Written examination: In the written part, case-related tasks for vocational training are to be dealt with in a maximum of 2 1/2 hours.</p> <p>Abschnitt Mitarbeiterführung</p> <p>Im Rahmen einer Fallstudie soll eine vorgegebene Situation der Mitarbeiterführung analysiert und die entsprechenden Handlungsoptionen schriftlich dargelegt (120 Minuten stehen zur Verfügung) und in einem aufbauenden Fachgespräch (max. 20 Minuten)erläutert werden.</p> <p>Section Employee Leadership</p>	
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		In the context of a case study, a predetermined situation of the staff management is to be analysed and the corresponding options for action presented in writing (120 minutes are available) and explained in a preliminary discussion (max. 20 minutes).	
	<p>Fortbildung zur/m Staatlich geprüften Gestalter/in für Blumenkunst</p> <p>Techniker 2 Jahre Vollzeit Further education to / m Certified designer of floral art</p> <p>technician 2 years full time</p>	<p>Staatlich geprüfter Techniker für den Gartenbau neu Staatlich geprüfte(r) Agrarbetriebswirt(in).</p> <p>3 Jahre Vollzeit 1 Jahr Praktikum, 2 Jahretheoretische Ausbildung</p> <p>State-certified technician for gardening</p> <p>3 years full time 1 year internship, 2 years of theoretical training</p> <p>Prüfungen: ■vier Prüfungsarbeiten als schriftliche Prüfung, ■praktische Prüfung in Form der Arbeitsunterweisung eines Auszubildenden</p>	<p>Staatlich geprüfter Techniker für den Garten- und Landschaftsbau</p> <p>3 Jahre Vollzeit 1 Jahr Praktikum, 2 Jahretheoretische Ausbildung</p> <p>State-certified technician for gardening and landscaping</p> <p>3 years full time 1 year internship, 2 years of theoretical training</p>

Certificates/diplomas after assessment		Country:	Germany
Occupation:	Floristry	Horticulture / production	Landscaping
EQF level:			
		<p>Für die Berufsausbildung in den <i>Werker-, Helfer- und Fachpraktiker-Berufen</i> gibt es keine bundeseinheitliche rechtliche Regelung. Die zuständigen Kammern und andere zuständige Stellen erlassen ihre Ausbildungsregelungen entsprechend den Hauptausschussempfehlungen des Bundesinstituts für Berufsbildung (BIBB).</p> <p><i>Landwirtschaftskammer</i></p> <p><i>There is no federal legal regulation for vocational training in the worker, assistant and specialist practitioner professions. The competent chambers and other competent bodies adopt their training regulations in accordance with the recommendations of the Federal Institute for Vocational Education and Training (BIBB).</i></p>	

		<i>Chamber of Agriculture</i>	
4	<i>Florist</i>	<i>Gärtner in Fachrichtungen</i> <i>1. Baumschule</i> <i>2. Friedhofsgärtnerei</i> <i>3. Garten- und Landschaftsbau</i> <i>4. Gemüseba,</i> <i>5. Obstbau</i> <i>6. Staudengärtnerei</i> <i>7. Zierpflanzenbau</i> <i>Gardeners in specialfields</i> <i>1. Nursery</i> <i>2. Cemetery nursery</i> <i>3. Gardening and landscaping</i> <i>4. Vegetable ba,</i> <i>5. Fruit growing</i> <i>6. Perennial nursery</i> <i>7. Ornamental horticulture</i>	Gehört zu den Gärtnern
	<i>Schulzeugnis</i>	<i>Schulzeugnis</i>	
	School Testimony	School Testimony	
	<i>Facharbeiterbrief IHK</i>	<i>Facharbeiterbrief Landwirtschaftskammer</i>	
	Skilled worker's letter	<i>Skilled worker's letter</i>	
5			
6	<i>Floristmeister/in</i>	<i>Gärtnermeister /in Fachrichtung...</i>	

	Schulzeugnis	<i>Schulzeugnis</i>	
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Title of the qualification		Florist		U1
EQF level		Level 2 (Helper)		
Unit of learning outcomes		Work organisation		
	KNOWLEDGE	SKILLS	COMPETENCES	
U1.1 Business organisation - structure of the company areas • Delivery • Manufacturing • Sale • Warehouse • Stay / social rooms	She/He • orients her/himself in the concrete enterprise: ⇒ distribution of the premises ⇒ knows the function of the operating areas ⇒ knows the internal rules ⇒ order in the rooms ⇒ placement of workspaces.	She/He • recognizes the connection between the work tasks and the individual work areas • knows the classification system and can orient itself under guidance according to this system.	She/He • is able to do a job in the right place, on instruction or according to given procedures. • can classify goods according to instructions in the appropriate operating rooms. • is responsible for the order and cleanliness in the background under guidance and control.	
U1.2 Scheduling • Planning the work process • Schedules related to the work orders: short and long term	She/He • has knowledge about work organization. • knows work schedules:	She/He • can work on schedule. • can carry out assigned work according to the operation	She/He • can plan recurring work processes for the day, monitor and evaluate periods and initiate corrections:	

<ul style="list-style-type: none"> • Timelines related to employee assignment • Control and evaluate processes 	<ul style="list-style-type: none"> ⇒ daily schedule ⇒ weekly schedule ⇒ vacation schedule. 	<p>procedure under supervision.</p>	<ul style="list-style-type: none"> ⇒ Punctuality before starting work ⇒ Put on protective clothing ⇒ Time required for repetitive activities.
U1.3 Logistics <ul style="list-style-type: none"> • Planning • Control • Optimization and implementation of goods, information and personal flows 	<p>She/He</p> <ul style="list-style-type: none"> • knows criteria of logistics. 	<p>She/He</p> <ul style="list-style-type: none"> • can assist under guidance or recurring aspects of logistics: <ul style="list-style-type: none"> ⇒ Sorting and providing the packaging ⇒ Order transmission by fax, e-mail ⇒ Unpacking and packing ⇒ control e.g. order messenger ⇒ errands Receipt of goods. 	<p>She/He</p> <ul style="list-style-type: none"> • is able to implement logistic tasks under guidance: <ul style="list-style-type: none"> ⇒ Control of the packaging units ⇒ Receipt of goods ⇒ goods shipping ⇒ Matching the delivered goods with documents.
U1.4 Organization of the work process - workflows related to manufacturing <ul style="list-style-type: none"> • Goods Procurement / Purchasing • Material properties (flowering time, durability) • Manufacturing processes • Presentation • Sale • Packaging • Logistics • Planning new processes 	<p>She/He</p> <ul style="list-style-type: none"> • has knowledge of various work processes in the manufacturing process. • knows different aids. 	<p>She/He</p> <ul style="list-style-type: none"> • masters simple organizational procedures of work processes under guidance: <ul style="list-style-type: none"> ⇒ Preparation of work processes goods procurement e.g. cut of flowers ⇒ Bleed of cut flowers ⇒ Provide adjuster / vases ⇒ Care of cut flowers (flowering times, shelf life). 	<p>She/He</p> <ul style="list-style-type: none"> • prepares the work processes under guidance. • organizes single known work actions according to instruction.

<p>U1.5 Workplace design</p> <ul style="list-style-type: none"> • Setup workspace <ul style="list-style-type: none"> ⇒ Provide material and work equipment ⇒ Safety regulations ⇒ Fire protection • Ergonomics of the workplace / effective work 	<p>She/He</p> <ul style="list-style-type: none"> • knows the basic assortment of tools and aids in the workplace. • knows the function of the inventory. • knows recommended ways of working. • knows ergonomic aspects of the workplace in relation to: <ul style="list-style-type: none"> ⇒ health ⇒ work efficiency. 	<p>She/He</p> <ul style="list-style-type: none"> • can safely handle known tools and instruments. • acts in the interests of health protection. 	<p>She/He</p> <ul style="list-style-type: none"> • is able to set up workplaces according to need and activity. • can provide the appropriate tools and provide all necessary instruments and materials. • can handle the inventory according to the works. • is able to comply with known activities or under guidance, health and safety regulations and health protection aspects. • is able to comply with recommended effective practices.
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Title of the qualification		Florist		U2
EQF level		Level 2 (Helper)		
Unit of learning outcomes		Material (vegetable and non-vegetable) and tools		
	KNOWLEDGE	SKILLS	COMPETENCES	
U2.1 Botany	She/He	She/He	She/He	
<ul style="list-style-type: none">• Structure of the plants<ul style="list-style-type: none">⇒ Cell⇒ Morphology (root, shoot axis, leaves, flowers, fruits)• Life processes in plants<ul style="list-style-type: none">⇒ Water balance⇒ Substance and energy change⇒ Change of form⇒ Reproduction⇒ Physiology - irritability⇒ Genetics• Plant knowledge<ul style="list-style-type: none">⇒ Systematics (structure of the plant kingdom)⇒ Nomenclature - bot. names⇒ Horticultural signs• Soil Science<ul style="list-style-type: none">⇒ Soils	<ul style="list-style-type: none">• knows the general structure of plants from general education.• knows the plant parts.• knows various commercial plants and cut flowers.• knows the basics of the structure of the plant kingdom in seed plants and mosses from general education.• knows symbols, so-called horticultural signs.	<ul style="list-style-type: none">• can distinguish plant parts.	<ul style="list-style-type: none">• recognizes and names typical plant parts and assigns them correctly to the plants:<ul style="list-style-type: none">⇒ roots⇒ shoot axis⇒ leaves⇒ flowers⇒ fruits and seeds.• names plants and cut flowers with trade-specific names.	

<ul style="list-style-type: none"> ⇒ Gardening earths ⇒ Substrates • Fertilizer teaching <ul style="list-style-type: none"> ⇒ Nutrition of the plant ⇒ Fertilizers and regulations ⇒ Fertilizer recommendations 			
U2.2 Materials and pots <ul style="list-style-type: none"> • Binding tools • Plug-in auxiliary resources • Wires • Fabrics and ribbons • Candles • Paper • Pots 	She/He <ul style="list-style-type: none"> • knows the simple basic assortment of materials. • knows properties of the materials from the general knowledge. 	She/He <ul style="list-style-type: none"> • can use familiar materials with instructions: <ul style="list-style-type: none"> ⇒ use vessels of the same condition ⇒ soak the plug-in compound ⇒ wire. 	She/He <ul style="list-style-type: none"> • select materials according to purpose according to instructions: <ul style="list-style-type: none"> ⇒ weatherproof ⇒ degradability ⇒ waterproof. • is able to select suitable materials for different work steps in known work or under guidance.
U2.3 Care and storage	She/He <ul style="list-style-type: none"> • knows the principles of careful handling of goods, care and warehousing. 	She/He <ul style="list-style-type: none"> • prepares under instructions the goods for sale: <ul style="list-style-type: none"> ⇒ quality Control ⇒ cleaning ⇒ pricing. • can accept the goods upon 	She/He <ul style="list-style-type: none"> • works according to instructions and carefully carry out individual care and storage steps under supervision.

		<p>delivery under instructions.</p> <ul style="list-style-type: none"> • under instructions he sorts the goods in the sales room. • preparing the original goods / packaging. • stores the product range under supervision. 	
<p>U2.4 Plant protection</p> <ul style="list-style-type: none"> • Integrated plant protection • Resistances • Biological plant protection • Vegetable pouring and spraying • Chemical plant protection • Patterns of damage and causes <ul style="list-style-type: none"> ⇒ Damage caused by culture ⇒ External influences, weather ⇒ Pathogens ⇒ Pests ⇒ Vegetable pests • Laws and Regulations • Application procedures • Protection of species 	<p>She/He</p> <ul style="list-style-type: none"> • knows patterns of damage of abiotic and biotic origin. 	<p>She/He</p> <ul style="list-style-type: none"> • passes on information and observations to qualified employees. • can carry out plant protection work under the supervision of qualified labor: <ul style="list-style-type: none"> ⇒ mechanical ⇒ physical. 	<p>She/He</p> <ul style="list-style-type: none"> • detects simple patterns of damage, wild herbs in crops, and hunted animals under instruction.

U2.5 Use and maintenance of tools	She/He <ul style="list-style-type: none"> • knows common tools and devices. 	She/He <ul style="list-style-type: none"> • can use tools without supervision or instructions: <ul style="list-style-type: none"> ⇒ florists knife ⇒ secateurs ⇒ mechanical spines remover ⇒ plastering machine for flower stems ⇒ gerbera tuber. • maintains the tools and equipment and keeps them clean. 	She/He <ul style="list-style-type: none"> • is able to understand operating instructions and to comply with the health and safety regulations.
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Title of the qualification		Florist		U3
EQF level		Level 2 (Helper)		
Unit of learning outcomes		Techniques		
	KNOWLEDGE	SKILLS	COMPETENCES	
U3.1 Preparation techniques - primary techniques <ul style="list-style-type: none">• Cutting / dividing with different tools<ul style="list-style-type: none">⇒ Knife⇒ Cutter⇒ Secateurs⇒ Loppers⇒ Paper Scissors⇒ Cutting machine⇒ Glass cutter⇒ Flex• Stabilizing<ul style="list-style-type: none">⇒ Props⇒ Rails• Protecting<ul style="list-style-type: none">⇒ Unwrapping⇒ Wrapping⇒ Grow⇒ Painting⇒ Lining up (foil)	She/He <ul style="list-style-type: none">• knows general care measures for cut flowers:<ul style="list-style-type: none">⇒ remove excess leaves and side shoots⇒ cutting the flower stems⇒ setting in clean containers with fresh water⇒ cooling.• knows different wires:<ul style="list-style-type: none">⇒ support wire⇒ decorative wire⇒ stretching wire.• knows different techniques of wiring.• knows by observation various stabilizing, protective and prolonging primary techniques.	She/He <ul style="list-style-type: none">• can implement under guidance the necessary nurturing preparatory measures for known cut flowers:<ul style="list-style-type: none">⇒ remove spines⇒ remove excess leaves and side shoots⇒ cut with the knife⇒ shorten with scissors⇒ set in clean containers with fresh flower.• implements under guidance and control various stabilization techniques, as well as protective and extending primary techniques.	She/He <ul style="list-style-type: none">• can under instructions and control, implement recurring care measures for cut flowers.• puts various preparation techniques under control, depending on the situation:<ul style="list-style-type: none">⇒ incision⇒ stabilizing⇒ protect⇒ wiring.• selects appropriate known materials.	

<ul style="list-style-type: none"> • Extending the wire <ul style="list-style-type: none"> ⇒ Fork ⇒ Skewer ⇒ Wiring up chain 			
U3.2 Manufacturing techniques <ul style="list-style-type: none"> • Binding (bouquets, wreath, garland) with various tools / means of design <ul style="list-style-type: none"> ⇒ Tie wire ⇒ Cable ties ⇒ Grape wire ⇒ Rubber rings ⇒ Band ⇒ Bast ⇒ Fast binder • Plugging • Glueing <ul style="list-style-type: none"> ⇒ Hot glue ⇒ Wallpaper glue ⇒ Craft glue • Sticking <ul style="list-style-type: none"> ⇒ Adherence ⇒ Needles ⇒ Nailing ⇒ Tacking ⇒ Toothpick / skewers • Planting • Setting 	She/He <ul style="list-style-type: none"> • knows the most important production techniques. • knows various common tools and materials for manufacturing techniques. 	She/He <ul style="list-style-type: none"> • applies the most important production techniques. • applies various common tools and materials for manufacturing techniques. 	She/He <ul style="list-style-type: none"> • is able to implement simple manufacturing techniques for different workpieces under the guidance and supervision of highly qualified personnel.

U3.3 Design techniques <ul style="list-style-type: none"> • Winding • Threading • Pouring / sprinkling • Braiding • Piling • Knitting • Crocheting • Soldering • Sewing • Weaving • Clamping • Twirling • Noding 	She/He <ul style="list-style-type: none"> • knows from observation different design techniques. 	She/He <ul style="list-style-type: none"> • can handle design techniques in cooperation with highly qualified personnel. 	She/He <ul style="list-style-type: none"> • understands the instructions and explanations and perform various repetitive manipulations, assistive activities of the design techniques.
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Title of the qualification		Florist		U4
EQF level		Level 2 (Helper)		
Unit of learning outcomes		Design		
	KNOWLEDGE	SKILLS	COMPETENCES	
U4.1 Order types • Symmetry • Asymmetry	She/He • remembers school knowledge about geometry and assigns symmetry and asymmetry.	She/He • can rework workpieces in the order types under guidance.	She/He • can understand explanations and instructions.	
U4.2 Design type • Decorative • Vegetative • Formal-linear	She/He • knows the terms / technical terms from other contexts or general knowledge.	She/He • can rework workpieces in decorative design under guidance.	She/He • recognizes the decorative style. • selects materials and materials for skilled and well-known recurring workpieces and creates simple decorative workpieces under guidance.	
U4.3 Arrangement • Arrangement type (line course of the materials)	She/He • is aware that there are different types of arrangements.	She/He • can take over simple editing in the arrangement types (check green).	She/He • can understand explanations and rework instructions and	

<ul style="list-style-type: none"> ⇒ Radial ⇒ Parallel ⇒ Free • Depth effect and spatiality (arrangement of materials in the workpiece) <ul style="list-style-type: none"> ⇒ Dimension (line, area body) ⇒ Overlap ⇒ Staggering ⇒ Grouping ⇒ Ranking ⇒ Scattering ⇒ Growth point 	<ul style="list-style-type: none"> • can name different dimensions from general knowledge: <ul style="list-style-type: none"> ⇒ one-dimensional ⇒ two-dimensional ⇒ three-dimensional. • can describe different rankings. • can describe the simple scattering. 	<ul style="list-style-type: none"> • can under instructions and stratifications in various works implement. 	<p>according to the instructions for examples workpieces:</p> <ul style="list-style-type: none"> ⇒ with radial arrangement ⇒ sequences ⇒ scatterings. <ul style="list-style-type: none"> • Is able to take over well-known repetitive activities such as the covering of plug-in mass in the case of piecing work.
<p>U4.4 Form theory - appearance of plants / essential features</p> <ul style="list-style-type: none"> • Basic shapes and their effects (triangle, rectangle, circle) • Shape quality (solid to loose outline) • Constructive and free forms • Forms of movement • Valences • Structure • Texture 	<p>She/He</p> <ul style="list-style-type: none"> • knows aspects of morphology from general education: <ul style="list-style-type: none"> ⇒ basic forms ⇒ structures ⇒ texture ⇒ value. • knows the term structure from other areas. • knows the basics of texture from the general knowledge about substances. 	<p>She/He</p> <ul style="list-style-type: none"> • describes the knowledge comprehensible in common usage. 	<p>She/He</p> <ul style="list-style-type: none"> • can recognize differences and understand explanations.
<p>U4.5 Proportion</p>	<p>She/He</p>	<p>She/He</p>	<p>She/He</p>

<ul style="list-style-type: none"> • 3: 5; 8 • Excessive proportion • Inverse proportions • Wreath proportion 	<ul style="list-style-type: none"> • knows theories of proportionality from schooling to Dürer and da Vinci. 	<ul style="list-style-type: none"> • can apply proportional basics (cleaning of cut flowers) under the guidance of the material preparation. 	<ul style="list-style-type: none"> • recognizes different proportions. • creates simple workpieces under guidance with consideration of the proportion.
U4.6 Color theory <ul style="list-style-type: none"> • Color naming • Color systems • Color contrasts • Color harmonies • Color symbolism • Color effects 	She/He <ul style="list-style-type: none"> • knows the basic colors. • knows typical color names. 	She/He <ul style="list-style-type: none"> • can select the basic colors. • can call different colors in the regional language. 	She/He <ul style="list-style-type: none"> • knows what primary colors are and can explain why this classification exists. • names color names and assigns colors. • takes over the repetitive ordering of the cut flowers by color areas. • is capable of sorting goods by color ranges into goods carriers upon instruction.
U4.7 Stylistics	She/He <ul style="list-style-type: none"> • has basic general knowledge of style. 	She/He <ul style="list-style-type: none"> • can name single simple tree features: <ul style="list-style-type: none"> ⇒ columns ⇒ decorative forms ⇒ roof shapes. • describes style features on and in 	She/He <ul style="list-style-type: none"> • detects differences in the construction of buildings.

		buildings.	
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Title of the qualification		Florist		U5
EQF level		Level 2 (Helper)		
Unit of learning outcomes		Thematic floristry		
	KNOWLEDGE	SKILLS	COMPETENCES	
Diverse workpieces on topics: <ul style="list-style-type: none">• Colour• Texture• Seasons• Mood<ul style="list-style-type: none">⇒ Childlike⇒ Cheerful⇒ Elegant⇒ Festive• Style<ul style="list-style-type: none">⇒ Vintage⇒ Scandinavian⇒ Exotic⇒ Rustic• Material properties<ul style="list-style-type: none">⇒ Brittle⇒ Climbing• Symbolism• Events related to topics<ul style="list-style-type: none">⇒ Exhibitions⇒ Fairs• Topics of origin / home of	She/He <ul style="list-style-type: none">• knows common and often used themed floristic accessories, matching plants and cut flowers.• knows recurring preparation work.	She/He <ul style="list-style-type: none">• prepares materials and materials for assembly according to the given instructions.• can assist with the preparation of simple workpieces based on written instructions or instructions given by the supervisor.• can duplicate simple workpieces according to given example.	She/He <ul style="list-style-type: none">• recognizes given patterns and is able to work according to the specifications.• takes note of simple design principles for given examples.	

Plants or materials ⇒ European ⇒ Alpin ⇒ Mediterranean • Scent • Plant Group ⇒ Grasses ⇒ Bog plant ⇒ Wet meadow			
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Title of the qualification		Florist		U6
EQF level		Level 2 (Helper)		
Unit of learning outcomes		Event-related floristry		
	KNOWLEDGE	SKILLS	COMPETENCES	
Diverse workpieces for: <ul style="list-style-type: none">• Public and representative events<ul style="list-style-type: none">⇒ Flower arrangements for openings⇒ Inaugurations⇒ State occasions⇒ Anniversaries⇒ Ceremonies⇒ Award ceremonies⇒ Television productions• Family celebrations<ul style="list-style-type: none">⇒ Wedding⇒ Baptism⇒ Mourning⇒ Anniversaries⇒ Birthdays• Floristry for religious festivals / religious holidays<ul style="list-style-type: none">⇒ Easter⇒ Christmas⇒ Baptism	She/He <ul style="list-style-type: none">• knows the assortment of representative materials and materials that suits different public events.• knows the assortment of materials and materials from the general environment, which are suitable for different family celebrations.• knows traditional color preferences.• knows regional traditions.• recognizes the assortment of materials, which fits to calendar festivals and customs, from own experience.	She/He <ul style="list-style-type: none">• continues work.• works on instructions and produces simple known workpieces and substructures.• prepares materials and materials according to specifications.• can create workpieces according to instructions using simple techniques.	She/He <ul style="list-style-type: none">• recognizes the work started and the composition of the workpieces according to the given pattern and continues them professionally.• recognizes the work started and the composition of the workpieces according to the given pattern.• is able to continue to work properly according to the pattern.• uses suitable materials and materials.• independently produces controlled subforms under	

<ul style="list-style-type: none"> ⇒ Thanksgiving ⇒ Pentecost ⇒ Ascension ⇒ Other faiths • Festivals during the year: <ul style="list-style-type: none"> ⇒ Winter festivals (New Year's Eve, Carnival) ⇒ Spring Festival (May Day, Cherry Blossom Festival, Mother's Day, Women's Day) ⇒ Summer festivals (solstice, summer party, children's day) ⇒ Autumn festivals (beginning of the school year, sugar bag festival, kite festival, Halloween) 			<p>control, prepares, duplicates prototypes.</p> <ul style="list-style-type: none"> • recognizes the assortment of materials and materials that are suitable for calendar festivals and customizing. • is able to deduce from the traditions on symbolics. • leads traditional binders according to specifications technically correct.
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Title of the qualification		Florist		U7
EQF level		Level 2 (Helper)		
Unit of learning outcomes		Room-related floristry		
	KNOWLEDGE	SKILLS	COMPETENCES	
Diverse workpieces as jewelry or decoration: <ul style="list-style-type: none">• Architecturally appropriate floristry• Window decoration• Table decoration with spatial reference• Objects• Event and exhibition design• Shop design	She/He <ul style="list-style-type: none">• knows different architectural styles of buildings.• knows shop window decorations from own consumption.• knows different table forms.• knows from the observation various table decoration forms and possible components:<ul style="list-style-type: none">⇒ nameplates⇒ candles⇒ napkins decoration.	She/He <ul style="list-style-type: none">• can name features from the observation.• prepares materials and materials for assembly according to the given instructions.• can assist with the preparation of simple workpieces based on written instructions or guidelines from the supervisor.• can duplicate simple workpieces according to a given example.• prepares materials and materials for assembly according to the given instructions.• can assist with the preparation of	She/He <ul style="list-style-type: none">• recognizes differences.• recognizes given patterns and is able to work according to the specifications.• take note of simple design principles for given examples.• recognizes given patterns and is able to work according to the specifications.• take note of simple design principles for given examples.	

		<p>simple workpieces based on written instructions or guidelines from the supervisor.</p> <ul style="list-style-type: none"> • can duplicate simple workpieces according to a given example. 	
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Title of the qualification		Florist		U8
EQF level		Level 2 (Helper)		
Unit of learning outcomes		Marketing and sales		
	KNOWLEDGE	SKILLS	COMPETENCES	
U8.1 Customer advice and service	She/He <ul style="list-style-type: none">• knows the basic manners in the shop.	She/He <ul style="list-style-type: none">• understands the basic manners in the shop.	She/He <ul style="list-style-type: none">• applies the basic manners in the shop.	
U8.2 Preparation and conclusion of contracts, offers				
U8.3 Promotion of sales <ul style="list-style-type: none">• Flower shop design• Product presentation• Marketing actions / promotional measures• Use of different advertising platforms• Management / means of marketing	She/He <ul style="list-style-type: none">• knows general sales promotion marketing activities from its own consumption behavior:<ul style="list-style-type: none">⇒ advertising through different actions in different media⇒ routing in the shop.• knows different advertising platforms from the own consumption.	She/He <ul style="list-style-type: none">• versteht grundlegende Marketingaktivitäten.• kann bei verschiedenen Aktivitäten unterstützend helfen.	She/He <ul style="list-style-type: none">• can assist with the presentation of cut flowers and bouquets under guidance.• can compare prices on the internet or in advertisements.	

U8.4 Cooperation in an international context	She/He knows the basics of a foreign language from school education.	She/He • can apply general principles in a foreign language.	She/He • can apply general language skills in a foreign language.

Title of the qualification		Florist		U9
EQF level		Level 2 (Helper)		
Unit of learning outcomes		Business management		
	KNOWLEDGE	SKILLS	COMPETENCES	
U9.1 Legal bases	She/He <ul style="list-style-type: none">• knows basic laws.	She/He <ul style="list-style-type: none">• understands basic laws.	She/He <ul style="list-style-type: none">• respects basic laws.	
U9.2 Formation of an enterprise				
U9.3 Forms and principles of business organisation	She/He <ul style="list-style-type: none">• has basic knowledge about different forms of enterprise.	She/He <ul style="list-style-type: none">• can enumerate forms of enterprise from the general knowledge.	She/He <ul style="list-style-type: none">• is able to recognize different entrepreneurial tasks in flower shops from observation.	
U9.4 Commercial management <ul style="list-style-type: none">• Accounting• Bookkeeping• Cash balancing	She/He <ul style="list-style-type: none">• knows basics of:<ul style="list-style-type: none">⇒ payment transactions such as cash, card payment, bank transfer⇒ cash balancing.	She/He <ul style="list-style-type: none">• can support simple commercial activities with guidance and under control.	She/He <ul style="list-style-type: none">• performs various basic and professional activities after induction and control.	

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Title of the qualification		Florist		U10
EQF level		Level 2 (Helper)		
Unit of learning outcomes		Human resources management and training		
	KNOWLEDGE	SKILLS	COMPETENCES	
U10.1 Personnel management and conflict management	She/He <ul style="list-style-type: none">• knows that conflicts are an inseparable part of working with people.• knows ways to deal with conflicts.	She/He <ul style="list-style-type: none">• recognizes conflicts between employees.	She/He <ul style="list-style-type: none">• recognizes opportunities to fit into the different leadership styles.• is competent to deal with conflicts.	
U10.2 Human resource planning	She/He <ul style="list-style-type: none">• knows some country-specific labor laws related to:<ul style="list-style-type: none">⇒ working hours of employees⇒ break times⇒ leave arrangements⇒ rest periods.	She/He <ul style="list-style-type: none">• can read rosters on their own.	She/He <ul style="list-style-type: none">• is able to understand deployment plans and act accordingly.• can control that rosters are tailored or adjusted to their needs.	

U10.3 Training and development of personnel <ul style="list-style-type: none"> • Identification of training needs of employees • Job description • Creation of a vocational training program • Implementation of education and training 	She/He <ul style="list-style-type: none"> • knows ways of education and training. 	She/He <ul style="list-style-type: none"> • can formulate own further education wishes with support. 	She/He <ul style="list-style-type: none"> • reflects his expertise and is able to take on further education opportunities.
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Title of the qualification		Florist		U11
EQF level		Level 2 (Helper)		
Unit of learning outcomes		Quality control / assessment		
	KNOWLEDGE	SKILLS	COMPETENCES	
U11.1 Analysis	She/He <ul style="list-style-type: none">• knows generally visible criteria of quality control.	She/He <ul style="list-style-type: none">• can, with guidance and under control, carry out a quality control of delivered hardware.	She/He <ul style="list-style-type: none">• is aware of the need for a good quality control.• knows how to control optical quality and can report results.	
U11.2 Consulting	She/He <ul style="list-style-type: none">• knows advisory activities in the specialist business from observations.	She/He <ul style="list-style-type: none">• can recognize customer consultations.	She/He <ul style="list-style-type: none">• is able to forward inquiries to responsible colleagues in order to receive quality advice.• can understand an advisory assessment and implement clues.	
U11.3 Monitoring the quality of work				

Title of the qualification		Florist		U12
EQF level		Level 2 (Helper)		
Unit of learning outcomes		Occupational safety and environmental protection		
	KNOWLEDGE	SKILLS	COMPETENCES	
U12.1 Occupational safety	<p>She/He</p> <ul style="list-style-type: none">• knows general rules for occupational safety and health.• knows comprehensive general rules when dealing with sharp tools:<ul style="list-style-type: none">⇒ knife⇒ scissors⇒ pliers⇒ saw.• knows chemicals, manuals and possible health hazards of used chemicals.	<p>She/He</p> <ul style="list-style-type: none">• works according to the relevant safety regulations, partly independently, partly under supervision.• can work with sharp, electrical and temperature generating tools and equipment.• can work with common chemicals.• may use recommended protective equipment such as gloves.	<p>She/He</p> <ul style="list-style-type: none">• acts according to the instructions of general occupational health and safety regulations when working with commonly used tools and machines.• understands the operating instructions of power tools (drill, screwdriver, glue gun) and acts carefully.• is aware of the dangers of working with chemicals (detergents, adhesives, paints) and acts accordingly.	

U12.2 Environmental protection	She/He <ul style="list-style-type: none"> • knows general criteria of environmental protection. • knows well-known species protection criteria. • knows generally applicable criteria of nature conservation from the general education. 	She/He <ul style="list-style-type: none"> • protects the environment in everyday business with guidance. 	She/He <ul style="list-style-type: none"> • recognizes the need for environmental protection. • acts in the sense of nature conservation, environmental protection and species protection with instructions and controls. • acts according to instructions environmentally friendly.
U12.3 Waste prevention and waste disposal	She/He <ul style="list-style-type: none"> • knows ways of avoiding waste from general knowledge. • knows general types of waste and national waste regulations. 	She/He <ul style="list-style-type: none"> • separates common waste. • recycles waste and can dispose of recyclable waste. 	She/He <ul style="list-style-type: none"> • disposes of waste with instructions in an environmentally friendly manner.
U12.4 Energy	She/He <ul style="list-style-type: none"> • knows energy sources. • knows possibilities of an economical use of energy through general education. 	She/He <ul style="list-style-type: none"> • handles energy carefully. 	She/He <ul style="list-style-type: none"> • works with instructions resource-saving. • reduces environmental impact through the use of regional products.

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Title of the qualification		Florist		U1
EQF level		Level 3 (Flower seller)		
Unit of learning outcomes		Work organisation		
	KNOWLEDGE	SKILLS	COMPETENCES	
U1.1 Business organisation - structure of the company areas • Delivery • Manufacturing • Sale • Warehouse • Stay / social rooms	She/He • orients her/himself in the concrete enterprise: ✓ Distribution of the premises ✓ knows the function of the operating areas ✓ knows internal rules ✓ order in the rooms ✓ Placement of workspaces.	She/He - can use the business breakdown of the business after instruction to perform the tasks: ⇒ Recognizes the connection between the individual work tasks and rooms ⇒ Knows the organization system and can orientate her/himself on this system.	She/He • is able to use the spatial disposition of the individual areas after instruction in such a way that unnecessary ways and procedures are avoided. • is able to perform known processes in the right place. • can carry out goods and activities in the appropriate premises. • is responsible for the order and cleanliness in the salesrooms under control.	

U1.2 Scheduling <ul style="list-style-type: none"> • Planning the work process • Schedules related to the work orders: short and long term • Timelines related to employee assignment • Control and evaluate processes 	She/He <ul style="list-style-type: none"> • can arrange the work steps according to their effort. • has knowledge about work organization. • knows work schedules: <ul style="list-style-type: none"> ⇒ daily schedule ⇒ weekly schedule ⇒ vacation schedule. 	She/He <ul style="list-style-type: none"> • plans the daily routine, can work according to plan. • can carry out assigned work according to the operation procedure under supervision. 	She/He <ul style="list-style-type: none"> • can organize the daily business operations. • can plan recurring work processes for the day, monitor and evaluate periods and initiate corrections: <ul style="list-style-type: none"> ⇒ punctuality before starting work ⇒ put on protective clothing ⇒ time required for repetitive activities.
U1.3 Logistics <ul style="list-style-type: none"> • Planning • Control • Optimization and implementation of goods, information and personal flows 	She/He <ul style="list-style-type: none"> • knows in general possible logistics routes. • knows necessary steps to transport goods. 	She/He <ul style="list-style-type: none"> • can help with recurring aspects of logistics and after training independently: <ul style="list-style-type: none"> ⇒ sorting and providing the packaging ⇒ order transmission by fax, e-mail ⇒ unpacking and packing ⇒ control e.g. 	She/He <ul style="list-style-type: none"> • is able to implement logistical tasks: <ul style="list-style-type: none"> ⇒ control of the packaging units ⇒ receipt of goods ⇒ goods shipping ⇒ matching the delivered goods with

		order messenger ⇒ ⇒ goods.	errands receipt of documents.
U1.4 Organization of the work process - workflows related to manufacturing <ul style="list-style-type: none"> • Goods Procurement / Purchasing • Material properties (flowering time, durability) • Manufacturing processes • Presentation • Sale • Packaging • Logistics • Planning new processes 	She/He <ul style="list-style-type: none"> • knows the basic assortment of the goods, determines the plants, their claims. • knows the elementary floristic techniques in the production. • has knowledge of various work processes in the manufacturing process. • knows different aids. 	She/He <ul style="list-style-type: none"> • can carry out basic processing of the prepared material and material, he can judge the properties of the goods. • masters organizational procedures of work processes: <ul style="list-style-type: none"> ⇒ preparation of work processes ⇒ goods procurement e.g. cutting flowers ⇒ bleed of cut flowers ⇒ provide adjuster / vases ⇒ care of cut flowers (flowering times, shelf life). 	She/He <ul style="list-style-type: none"> • can carry out elementary steps in the sale of goods. • is able to process the prepared material into simple workpieces. • prepares the working processes under. • organizes single known work actions.
U1.5 Workplace design <ul style="list-style-type: none"> • Setup workspace <ul style="list-style-type: none"> ⇒ Provide material and work equipment ⇒ Safety regulations 	She/He <ul style="list-style-type: none"> • knows tools and aids in operation. • knows the 	She/He <ul style="list-style-type: none"> • is in the position, under direction and under supervision, to perform tasks assigned to him in preparation for 	She/He <ul style="list-style-type: none"> • is able to set up workplaces according to need and activity.

<p>⇒ Fire protection</p> <ul style="list-style-type: none"> Ergonomics of the workplace / effective work 	<p>basic assortment of tools and aids in the workplace.</p> <ul style="list-style-type: none"> knows the function of the inventory. knows the effective way of working in the business. knows ergonomic aspects of the workplace in relation to the: <ul style="list-style-type: none"> ⇒ health ⇒ work efficiency. 	<p>various work steps.</p> <ul style="list-style-type: none"> waits for the inventory of the business assigned to him. acts in the interests of health protection and establishes the workplace accordingly. 	<ul style="list-style-type: none"> can provide the appropriate tools and provide all necessary tools and materials. can handle the inventory according to the works. can deal with the corresponding work tasks of the shop. is able to comply with occupational health and safety practices related to their own physical needs with known activities. is able to comply with recommended effective working practices.
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Title of the qualification		Florist		U2
EQF level		Level 3 (Flower seller)		
Unit of learning outcomes		Material (vegetable and non-vegetable) and tools		
	KNOWLEDGE	SKILLS	COMPETENCES	
U2.1 Botany	She/He	She/He	She/He	
<ul style="list-style-type: none">• Structure of the plants<ul style="list-style-type: none">⇒ Cell⇒ Morphology (root, shoot axis, leaves, flowers, fruits)• Life processes in plants<ul style="list-style-type: none">⇒ Water balance⇒ Substance and energy change⇒ Change of form⇒ Reproduction⇒ Physiology - irritability⇒ Genetics• Plant knowledge<ul style="list-style-type: none">⇒ Systematics (structure of the plant kingdom)⇒ Nomenclature - bot. names⇒ Horticultural signs• Soil Science<ul style="list-style-type: none">⇒ Soils	<ul style="list-style-type: none">• knows the names of the basic range of plants and their botanical names and characteristics.• knows the general structure of plants from general education.• knows the plant parts.• knows various commercial plants and cut flowers.• knows the basics of the structure of the plant kingdom in seed plants and mosses from general education.• knows symbols, so-called horticultural signs.	<ul style="list-style-type: none">• is oriented in the assortment of plants in the business and can work with them depending on their characteristics.• can distinguish plant parts.	<ul style="list-style-type: none">• masters the assortment of the business and can work with it according to characteristics.• recognizes and names typical plant parts and assigns them correctly to the plants:<ul style="list-style-type: none">⇒ roots⇒ shoot axis⇒ leaves⇒ flowers⇒ fruits and seeds.• names plants and cut flowers with trade-specific names.	

<ul style="list-style-type: none"> ⇒ Gardening earths ⇒ Substrates • Fertilizer teaching <ul style="list-style-type: none"> ⇒ Nutrition of the plant ⇒ Fertilizers and regulations ⇒ Fertilizer recommendations 			
U2.2 Materials and pots <ul style="list-style-type: none"> • Binding tools • Plug-in auxiliary resources • Wires • Fabrics and ribbons • Candles • Paper • Pots 	She/He <ul style="list-style-type: none"> • knows the basic assortment of materials. • knows properties of the materials from the general knowledge. • knows the different material groups, which are processed in the business. 	She/He <ul style="list-style-type: none"> • recognizes the materials of different pots. • can use the materials properly depending on the workpiece. • can apply known materials: <ul style="list-style-type: none"> ⇒ use pots of the same condition ⇒ soak the plug-in compound ⇒ wire. 	She/He <ul style="list-style-type: none"> • selects materials and pots according to purpose: <ul style="list-style-type: none"> ⇒ weatherproof ⇒ degradable ⇒ waterproof. • is able to select suitable materials for different work steps in known work and to decide on the use of materials in the business.
U2.3 Care and storage	She/He <ul style="list-style-type: none"> • has more extensive knowledge of the principles of storage and further care of the customer. 	She/He <ul style="list-style-type: none"> • prepares the input goods for sale: <ul style="list-style-type: none"> ⇒ quality control ⇒ cleaning ⇒ pricing. • can accept the goods upon delivery. 	She/He <ul style="list-style-type: none"> • can give the customer information for care or storage. • carefully follow instructions for care and storage according to instructions and use proper care products.

		<ul style="list-style-type: none"> • sort the goods into the sales room. • preparing the original goods / packaging. • stores the goods assortment correctly. • informs the customer about further care. 	
U2.4 Plant protection <ul style="list-style-type: none"> • Integrated plant protection • Resistances • Biological plant protection • Vegetable pouring and spraying • Chemical plant protection • Patterns of damage and causes <ul style="list-style-type: none"> ⇒ Damage caused by culture ⇒ External influences, weather ⇒ Pathogens ⇒ Pests ⇒ Vegetable pests • Laws and Regulations • Application procedures • Protection of species 	She/He <ul style="list-style-type: none"> • knows patterns of damage of abiotic and biotic origin. 	She/He <ul style="list-style-type: none"> • passes on information and observations to qualified employees. • can carry out plant protection work under the supervision of qualified labor: <ul style="list-style-type: none"> ⇒ mechanical ⇒ physical. • can clean up diseased plants and remedy other measures independently. • gets information and help from trained colleagues. 	She/He <ul style="list-style-type: none"> • detects simple patterns of damage, wild herbs in crops, harmful animals and performs under countermeasures. • makes a distinction between information that he or she may give to the customer and those for which an expert certificate is required.

U2.5 Use and maintenance of tools	<p>She/He</p> <ul style="list-style-type: none"> • knows common tools and devices. • knows the individual tools and equipment in operation and knows the principles of their care and maintenance (disinfect, sharpen). 	<p>She/He</p> <ul style="list-style-type: none"> • may use tools under supervision or according to instructions: <ul style="list-style-type: none"> ⇒ florists knife ⇒ secateurs ⇒ mechanical spines remover ⇒ plastering machine for flower stems ⇒ gerbera tuber. • maintains the tools and equipment and keeps them clean. 	<p>She/He</p> <ul style="list-style-type: none"> • knows to which work which tools are needed, can select the tools. • avoids damage through wrong use.
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Title of the qualification		Florist		U3
EQF level		Level 3 (Flower seller)		
Unit of learning outcomes		Techniques		
	KNOWLEDGE	SKILLS	COMPETENCES	
U3.1 Preparation techniques - primary techniques • Cutting / dividing with different tools ⇒ Knife ⇒ Cutter ⇒ Secateurs ⇒ Loppers ⇒ Paper Scissors ⇒ Cutting machine ⇒ Glass cutter ⇒ Flex • Stabilizing ⇒ Props ⇒ Rails • Protecting ⇒ Unwrapping ⇒ Wrapping ⇒ Grow ⇒ Painting ⇒ Lining up (foil)	She/He • knows the basics of cut flower care and can pass these on to sales customers. • knows the functionalities of machines: ⇒ gerbera tuber ⇒ rose spines remover. • knows general care measures for cut flowers: ⇒ remove excess leaves and side shoots ⇒ cutting the flower stems ⇒ setting in clean containers with fresh water ⇒ cooling. • knows different techniques of drawing.	She/He • is responsible for the execution of the standard flower care. • selects the right tool for it. • is able to select and implement the corresponding bleed for common flowers. • is responsible for recurring stabilizing, protective and lengthening preparation techniques and independently implements them under control: ⇒ support flowers with support wires ⇒ lining of containers with foils, for joining work, planting ⇒ forking ⇒ extending wire on skewer.	She/He • is able to select and implement the corresponding stalks. • is competent to select the filling level for the vases corresponding to the known flower types. • has experience with different materials for stabilizing and supporting and can name differences. • understands the functioning of machines and can draw conclusions about the work with different material properties: ⇒ the strength of the gerbera stems determines the material thickness of the hoses ⇒ thickness of the spines specifies	

<ul style="list-style-type: none"> • Extending the wire <ul style="list-style-type: none"> ⇒ Fork ⇒ Skewer ⇒ Wiring up chain 	<ul style="list-style-type: none"> • knows by observation various stabilizing, protective and prolonging primary techniques. • knows different wires: <ul style="list-style-type: none"> ⇒ support wire ⇒ decorative wire ⇒ stretching wire. • knows different techniques of wiring. 	<ul style="list-style-type: none"> • can operate known machines under control. • provides cut flowers professionally. 	brush of the machine.
U3.2 Manufacturing techniques <ul style="list-style-type: none"> • Binding (bouquets, wreath, garland) with various tools / means of design <ul style="list-style-type: none"> ⇒ Tie wire ⇒ Cable ties ⇒ Grape wire ⇒ Rubber rings ⇒ Band ⇒ Bast ⇒ Fast binder • Plugging • Glueing <ul style="list-style-type: none"> ⇒ Hot glue ⇒ Wallpaper glue ⇒ Craft glue • Sticking <ul style="list-style-type: none"> ⇒ Adherence 	She/He <ul style="list-style-type: none"> • knows the basics of bouquet binding with various tools / means of design. • knows the most important production techniques from observation: <ul style="list-style-type: none"> ⇒ plugging ⇒ gluing. • knows various common tools and materials for manufacturing techniques. • knows the workflow for planting. 	She/He <ul style="list-style-type: none"> • is responsible for binding simple known bouquet shapes: <ul style="list-style-type: none"> ⇒ bundles ⇒ series bouquets. • is responsible for the recurring task of setting the flowers for sale. • is able to create simple piecing work. • is able to create simple plantings. 	She/He <ul style="list-style-type: none"> • is able to implement recurring processes and work steps after instruction and under control. • selects the right materials and tools for copying manufacturing activities or specifications. • can coordinate the known processes of production techniques, prepare work equipment and work under control planning.

<ul style="list-style-type: none"> ⇒ Needles ⇒ Nailing ⇒ Tacking ⇒ Toothpick / skewers • Planting • Setting 			
U3.3 Design techniques <ul style="list-style-type: none"> • Winding • Threading • Pouring / sprinkling • Braiding • Piling • Knitting • Crocheting • Soldering • Sewing • Weaving • Clamping • Twirling • Noding 	She/He <ul style="list-style-type: none"> • knows different design techniques from the daily work in the shop. 	She/He <ul style="list-style-type: none"> • works with simple techniques independently after instruction and under control or duplicates under instruction design techniques. • knows various common aids and materials for design techniques. 	She/He <ul style="list-style-type: none"> • can coordinate known processes of design techniques, provide tools and work under control planning. • is able to implement recurring design techniques. • derives requirements for materials and tools for known activities.

Title of the qualification		Florist		U4
EQF level		Level 3 (Flower seller)		
Unit of learning outcomes		Design		
	KNOWLEDGE	SKILLS	COMPETENCES	
U4.1 Order types • Symmetry • Asymmetry	She/He • can name the order types and explain the assignment on simple criteria.	She/He • can create simple symmetrical workpieces after instruction.	She/He • derives from the criteria of symmetry to implementations with different flowers.	
U4.2 Design type • Decorative • Vegetative • Formal-linear	She/He • knows the terms from other contexts and can name properties.	She/He • is responsible to develop recurring decorative workpieces.	She/He • recognizes the decorative style. • selects materials and materials for practiced and well-known recurring workpieces. • is capable of implementing the basics of decorative design.	

<p>U4.3 Arrangement</p> <ul style="list-style-type: none"> • Arrangement type (line course of the materials) <ul style="list-style-type: none"> ⇒ Radial ⇒ Parallel ⇒ Free • Depth effect and spatiality (arrangement of materials in the workpiece) <ul style="list-style-type: none"> ⇒ Dimension (line, area body) ⇒ Overlap ⇒ Staggering ⇒ Grouping ⇒ Ranking ⇒ Scattering ⇒ Growth point 	<p>She/He</p> <ul style="list-style-type: none"> • has exact knowledge of the radial arrangement. • is aware that there are different types of arrangement. • can name different dimensions: <ul style="list-style-type: none"> ⇒ one-dimensional ⇒ two-dimensional ⇒ three-dimensional. • can describe different rankings. • can describe the simple scattering. 	<p>She/He</p> <ul style="list-style-type: none"> • is responsible for creating simple bouquets and arrangements in the radial arrangement. • can implement series and diversification in different works after instruction. 	<p>She/He</p> <ul style="list-style-type: none"> • combines in workpieces with instruction: <ul style="list-style-type: none"> ⇒ radial arrangement ⇒ rankings ⇒ scatterings. • is able to undertake elaborate known repeating techniques as preparatory work.
<p>U4.4 Form theory - appearance of plants / essential features</p> <ul style="list-style-type: none"> • Basic shapes and their effects (triangle, rectangle, circle) • Shape quality (solid to loose outline) • Constructive and free forms • Forms of movement • Valences • Structure • Texture 	<p>She/He</p> <ul style="list-style-type: none"> • knows aspects of the morphology: <ul style="list-style-type: none"> ⇒ basic forms ⇒ structures ⇒ texture ⇒ value ⇒ movement form. • knows the term structure from other areas. 	<p>She/He</p> <ul style="list-style-type: none"> • describes the knowledge comprehensible in common usage. • can select the known basic shapes according to specifications from the cut flower assortment. • can draw the basic shapes. 	<p>She/He</p> <ul style="list-style-type: none"> • can recognize differences and understand explanations. • is able to apply the knowledge about the reason and the forms of movement in different workpieces.

	<ul style="list-style-type: none"> • knows the basics of texture from the general knowledge about substances. • recognize basic forms in flowers and plants. 		
U4.5 Proportion <ul style="list-style-type: none"> • 3: 5: 8 • Excessive proportion • Inverse proportions • Wreath proportion 	She/He <ul style="list-style-type: none"> • knows proportional theory from school knowledge (mathematics, art). • knows the guidelines of the proportion of floristic workpieces. 	She/He <ul style="list-style-type: none"> • produces floristic workpieces in the correct proportion. 	She/He <ul style="list-style-type: none"> • understands the relationships between proportion and effect and can implement this with different workpieces.
U4.6 Color theory <ul style="list-style-type: none"> • Color naming • Color systems • Color contrasts • Color harmonies • Color symbolism • Color effects 	She/He <ul style="list-style-type: none"> • knows the basic colors and mixed colors. • knows typical color names. • knows pastel colors. • knows dark colors. 	She/He <ul style="list-style-type: none"> • can select materials in the basic colors and mixed colors. • can call different colors in the regional language. 	She/He <ul style="list-style-type: none"> • is able to describe the colors. • understands how to mix pastel and dark colors and is able to explain the relationships.
U4.7 Stylistics	She/He <ul style="list-style-type: none"> • has basic knowledge of art lessons 	She/He <ul style="list-style-type: none"> • can name single simple tree 	She/He <ul style="list-style-type: none"> • detects differences in the

	/ architectural studies and has an expanded general knowledge.	features: ⇒ columns ⇒ decorative forms ⇒ roof shapes. • describes important style features on and in buildings.	construction of buildings and can name these. • is able to describe the architectural styles of regionally known buildings. • can make simple workpieces for the different architectural styles after instructions.
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Title of the qualification		Florist		U5
EQF level		Level 3 (Flower seller)		
Unit of learning outcomes		Thematic floristry		
	KNOWLEDGE	SKILLS	COMPETENCES	
Diverse workpieces on topics: <ul style="list-style-type: none">• Colour• Texture• Seasons• Mood<ul style="list-style-type: none">⇒ Childlike⇒ Cheerful⇒ Elegant⇒ Festive• Style<ul style="list-style-type: none">⇒ Vintage⇒ Scandinavian⇒ Exotic⇒ Rustic• Material properties<ul style="list-style-type: none">⇒ Brittle⇒ Climbing• Symbolism• Events related to topics<ul style="list-style-type: none">⇒ Exhibitions⇒ Fairs• Topics of origin / home of	She/He <ul style="list-style-type: none">• knows common and often used themed floristic accessories, matching plants and cut flowers.• knows recurring preparation work.	She/He <ul style="list-style-type: none">• prepares materials and materials for assembly according to the given instructions.• can assist with the preparation of simple workpieces based on written instructions or instructions given by the supervisor.• can duplicate simple workpieces according to given example.	She/He <ul style="list-style-type: none">• selects accessories, suitable plants and cut flowers for composition according to the topics.• takes into account simple design principles for given examples.	

Plants or materials ⇒ European ⇒ Alpin ⇒ Mediterranean • Scent • Plant Group ⇒ Grasses ⇒ Bog plant ⇒ Wet meadow			
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Title of the qualification		Florist		U6
EQF level		Level 3 (Flower seller)		
Unit of learning outcomes		Event-related floristry		
	KNOWLEDGE	SKILLS	COMPETENCES	
Diverse workpieces for: <ul style="list-style-type: none">• Public and representative events<ul style="list-style-type: none">⇒ Flower arrangements for openings⇒ Inaugurations⇒ State occasions⇒ Anniversaries⇒ Ceremonies⇒ Award ceremonies⇒ Television productions• Family celebrations<ul style="list-style-type: none">⇒ Wedding⇒ Baptism⇒ Mourning⇒ Anniversaries⇒ Birthdays• Floristry for religious festivals / religious holidays<ul style="list-style-type: none">⇒ Easter⇒ Christmas⇒ Baptism	She/He <ul style="list-style-type: none">• knows the assortment of representative materials and materials that suits different public events.• knows the assortment of materials from the general environment, which are suitable for different family celebrations.• knows traditional color preferences.• knows regional traditions.• recognizes the assortment of materials, which fits to calendar festivals and customs, from own experience.	She/He <ul style="list-style-type: none">• continues work.• works on instructions and produces simple known workpieces and substructures.• prepares materials and materials according to specifications.• can create workpieces according to instructions using simple techniques.	She/He <ul style="list-style-type: none">• recognizes the work started and the composition of the workpieces according to the given pattern and continues them professionally.• recognizes the work started and the composition of the workpieces according to the given pattern.• is able to continue to work properly according to the pattern.• uses suitable materials and materials.• produces independently under control:	

<ul style="list-style-type: none"> ⇒ Thanksgiving ⇒ Pentecost ⇒ Ascension ⇒ Other faiths • Festivals during the year: <ul style="list-style-type: none"> ⇒ Winter festivals (New Year's Eve, Carnival) ⇒ Spring Festival (May Day, Cherry Blossom Festival, Mother's Day, Women's Day) ⇒ Summer festivals (solstice, summer party, children's day) ⇒ Autumn festivals (beginning of the school year, sugar bag festival, kite festival, Halloween) 			<ul style="list-style-type: none"> ⇒ subtypes ⇒ familiar ⇒ do some work ⇒ duplicates prototypes. • recognizes the assortment of materials and materials that are suitable for calendar festivals and customizing. • is able to deduce from the traditions on symbolics. • leads traditional binders according to specifications technically correct.
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Title of the qualification		Florist		U7
EQF level		Level 3 (Flower seller)		
Unit of learning outcomes		Room-related floristry		
	KNOWLEDGE	SKILLS	COMPETENCES	
Diverse workpieces as jewelry or decoration: <ul style="list-style-type: none">• Architecturally appropriate floristry• Window decoration• Table decoration with spatial reference• Objects• Event and exhibition design• Shop design	She/He <ul style="list-style-type: none">• knows different architectural styles of buildings.• knows shop window decorations from own consumption.• knows different table forms.• knows from the observation various table decoration forms and possible components:<ul style="list-style-type: none">⇒ nameplates⇒ candles⇒ napkins decoration.	She/He <ul style="list-style-type: none">• kann Merkmale aus der Beobachtung benennen.• bereitet nach den gegebenen Anweisungen Werkstoffe und Materialien für Zusammenstellung vor.• kann anhand schriftlichen Anweisungen oder Einweisungen bei der Herstellung einfacher Werkstücke unterstützen.• kann nach gegebenem Beispiel einfache Werkstücke duplizieren.• bereitet nach den gegebenen Anweisungen Werkstoffe und Materialien für Zusammenstellung vor.	She/He <ul style="list-style-type: none">• recognizes differences.• works in familiar circumstances after training independently.• recognizes given patterns and is able to work according to the specifications.• take note of simple design principles for given examples.• recognizes given patterns and is able to work according to specifications.• take note of simple design principles for given examples.	

		<ul style="list-style-type: none"> • kann anhand schriftlichen Anweisungen oder Vorgaben der Betreuenden bei der Herstellung einfacher Werkstücke unterstützen. • kann nach gegebenem Beispiel einfache Werkstücke duplizieren. 	
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Title of the qualification		Florist		U8
EQF level		Level 3 (Flower seller)		
Unit of learning outcomes		Marketing and sales		
	KNOWLEDGE	SKILLS	COMPETENCES	
U8.1 Customer advice and service	She/He <ul style="list-style-type: none">• knows customer types.• knows all the usual consulting activities in the specialist shop of observations.	She/He <ul style="list-style-type: none">• acts customer-friendly and confident in the sale.• uses technical terms correctly.• can independently carry out recurrent consultations of customers according to specifications and training.	She/He <ul style="list-style-type: none">• applies the basic manners in the store.• is able to fulfill common inquiries and, if necessary, forward them to responsible colleagues in order to obtain quality advice.	
U8.2 Preparation and conclusion of contracts, offers	She/He <ul style="list-style-type: none">• knows formal and formal requirements for:<ul style="list-style-type: none">⇒ purchase contracts at the cash register⇒ on-line⇒ mobile sales⇒ deals	She/He <ul style="list-style-type: none">• can work with POS systems, computers and EC devices.	She/He <ul style="list-style-type: none">• collects information from requests for offers.• can formulate offers in oral sales.• is able to recognize values and correct errors in pricing.	

	⇒ pricing.		
U8.3 Promotion of sales <ul style="list-style-type: none"> • Flower shop design • Product presentation • Marketing actions / promotional measures • Use of different advertising platforms • Management / means of marketing 	She/He <ul style="list-style-type: none"> • knows general sales promotion marketing activities from its own consumption behavior: ⇒ advertising through different actions in different media ⇒ routing in the shop. • knows different advertising platforms from the own consumption. 	She/He <ul style="list-style-type: none"> • versteht grundlegende Marketingaktivitäten. • kann bei verschiedenen Aktivitäten unterstützend helfen. 	She/He <ul style="list-style-type: none"> • is responsible for the presentation of cut flowers and bouquets and works independently after instruction. • can compare prices on the internet or in commercials.
U8.4 Cooperation in an international context	She/He knows the basics of a foreign language from school education.	She/He <ul style="list-style-type: none"> • can apply general principles in a foreign language. 	She/He <ul style="list-style-type: none"> • can apply general language skills in a foreign language.

Title of the qualification		Florist		U9
EQF level		Level 3 (Flower seller)		
Unit of learning outcomes		Business management		
	KNOWLEDGE	SKILLS	COMPETENCES	
U9.1 Legal bases	She/He <ul style="list-style-type: none">• knows the legal basis concerning the sale.• knows the commercial law of the country.	She/He <ul style="list-style-type: none">• understands legal bases like the commercial law.	She/He <ul style="list-style-type: none">• respects legal bases as the commercial law.	
U9.2 Formation of an enterprise	She/He <ul style="list-style-type: none">• has basic knowledge about possibilities of starting a business.• knows business concepts and business models.• knows the country's legislative regulations when starting up businesses for individual companies.	She/He <ul style="list-style-type: none">• can select a business model.• can work out a concept and seek advice.• may use general national legislation to prepare the documents when establishing a trade.• can start a business and sign up.	She/He <ul style="list-style-type: none">• decides, depending on the environment of the new business situation, for suitable entrepreneurial start-up processes:<ul style="list-style-type: none">⇒ creating a concept⇒ financing⇒ advertising concept.• is competent to weigh company risks after consultation and to	

	<ul style="list-style-type: none">• knows location criteria.• knows financing possibilities.• knows specific tax regulations.• knows entrepreneurial necessary insurance and their processing options.	<ul style="list-style-type: none">• is able to compare individual insurances and different policies.	<ul style="list-style-type: none">select appropriate insurance cover and conclude contracts according to various dangers.• updates insurance contracts.
U9.3 Forms and principles of business organisation	She/He <ul style="list-style-type: none">• knows the basics and differences of different company forms.• knows principles for the management of a trading company.	She/He <ul style="list-style-type: none">• can enumerate forms of enterprise from the general knowledge.	She/He <ul style="list-style-type: none">• can weigh the different criteria according to their business idea and choose a company form.• is competent to an your own company or branch office.
U9.4 Commercial management <ul style="list-style-type: none">• Accounting• Bookkeeping• Cash balancing	She/He <ul style="list-style-type: none">• knows simple rules of a calculation.• knows criteria of taxation.• knows basics of:<ul style="list-style-type: none">⇒ payment methods such as cash, card payment, bank transfer⇒ cash balancing.	She/He <ul style="list-style-type: none">• can independently carry out calculations in daily business according to the instructions of the management.• can carry out recurring activities independently with guidance and under control.	She/He <ul style="list-style-type: none">• understands the different calculations of work performance / service, fresh goods and hard goods.• masters the course of various basic activities and actions in the profession after training and under control.

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Title of the qualification		Florist		U10
EQF level		Level 3 (Flower seller)		
Unit of learning outcomes		Human resources management and training		
	KNOWLEDGE	SKILLS	COMPETENCES	
U10.1 Personnel management and conflict management	She/He <ul style="list-style-type: none">• knows different leadership styles and forms of conflict.	She/He <ul style="list-style-type: none">• can guide less qualified personnel under supervision after being trained.• recognizes conflicts between employees.	She/He <ul style="list-style-type: none">• recognizes opportunities to fit into the different leadership styles.• can pass on instructions independently after training.• is competent to deal with conflicts.• is able to settle conflicts.	

U10.2 Human resource planning	She/He <ul style="list-style-type: none"> • knows the country-specific labor laws with reference to: <ul style="list-style-type: none"> ⇒ working hours of employees ⇒ break times ⇒ leave arrangements ⇒ rest periods. 	She/He <ul style="list-style-type: none"> • can read rosters on her/his own. 	She/He <ul style="list-style-type: none"> • is able to understand deployment plans and act accordingly. • can control that rosters are tailored or adjusted to the own needs.
U10.3 Training and development of personnel <ul style="list-style-type: none"> • Identification of training needs of employees • Job description • Creation of a vocational training program • Implementation of education and training 	She/He <ul style="list-style-type: none"> • knows the own education plans. • knows the own job description. • knows vocational training programs. • knows all the ways of education and many opportunities for further education. 	She/He <ul style="list-style-type: none"> • can formulate own further education wishes. 	She/He <ul style="list-style-type: none"> • is able to understand job descriptions and demand training or find opportunities. • can pass on observations about less qualified employees. • reflects his expertise realistically and is able to take on further education offers.

Title of the qualification		Florist		U11
EQF level		Level 3 (Flower seller)		
Unit of learning outcomes		Quality control / assessment		
	KNOWLEDGE	SKILLS	COMPETENCES	
U11.1 Analysis	She/He <ul style="list-style-type: none">• knows the scope of a quality control as well as its generally visible criteria.	She/He <ul style="list-style-type: none">• can perform quality control on known workpieces, operations and placements with training and specifications.	She/He <ul style="list-style-type: none">• is aware of the need for regular quality control.• understands how to control the quality with specifications, can report results and correct them after training.	
U11.2 Consulting	She/He <ul style="list-style-type: none">• knows advisory activities in the specialist business from observations.	She/He <ul style="list-style-type: none">• can recognize customer consultations.	She/He <ul style="list-style-type: none">• is able to forward inquiries to responsible colleagues in order to receive quality advice.• can understand an advisory assessment and implement clues.	
U11.3 Monitoring the quality of work	She/He	She/He	She/He	

	<ul style="list-style-type: none"> • knows simple ways of self-control. 	<ul style="list-style-type: none"> • applies simple self-control options. 	<ul style="list-style-type: none"> • can implement evidence of an assessment.
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Title of the qualification		Florist		U12
EQF level		Level 3 (Flower seller)		
Unit of learning outcomes		Occupational safety and environmental protection		
	KNOWLEDGE	SKILLS	COMPETENCES	
U12.1 Occupational safety	<p>She/He</p> <ul style="list-style-type: none">• knows general rules for occupational safety and health.• knows comprehensive general rules when dealing with sharp tools:<ul style="list-style-type: none">⇒ knife⇒ scissors⇒ pliers⇒ saw.• knows chemicals, manuals and possible health hazards of used chemicals.	<p>She/He</p> <ul style="list-style-type: none">• works according to the relevant safety regulations, partly independently, partly under supervision.• can work with sharp, electrical and temperature generating tools and equipment.• can work with common chemicals.• may use recommended protective equipment such as gloves.	<p>She/He</p> <ul style="list-style-type: none">• acts according to the instructions of general occupational health and safety regulations when working with commonly used tools and machines.• understands the operating instructions of power tools (drill, screwdriver, glue gun) and acts carefully.• is aware of the dangers of working with chemicals (detergents, adhesives, paints) and acts accordingly.	

U12.2 Environmental protection	She/He <ul style="list-style-type: none"> • knows general criteria of environmental protection. • knows well-known species protection criteria. • knows generally applicable criteria of nature conservation from the general education. 	She/He <ul style="list-style-type: none"> • protects the environment in everyday business with guidance. 	She/He <ul style="list-style-type: none"> • recognizes the need for environmental protection. • acts in the sense of nature conservation, environmental protection and species protection with instructions and controls. • acts according after introductory training environmentally friendly.
U12.3 Waste prevention and waste disposal	She/He <ul style="list-style-type: none"> • knows ways of avoiding waste from general knowledge. • knows general types of waste and national waste regulations. 	She/He <ul style="list-style-type: none"> • separates common waste. • recycles waste and can dispose of recyclable waste. 	She/He <ul style="list-style-type: none"> • disposes of waste with instructions in an environmentally friendly manner.
U12.4 Energy	She/He <ul style="list-style-type: none"> • knows energy sources. • knows possibilities of an economical use of energy through general education. 	She/He <ul style="list-style-type: none"> • handles energy carefully. 	She/He <ul style="list-style-type: none"> • works with instructions resource-saving. • reduces environmental impact through the use of regional products.

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Title of the qualification		Florist		U1
EQF level		Level 4 (Florist)		
Unit of learning outcomes		Work organisation		
	KNOWLEDGE	SKILLS	COMPETENCES	
U1.1 Business organisation - structure of the company areas • Delivery • Manufacturing • Sale • Warehouse • Stay / social rooms	She/He • has elementary knowledge of the operational organization and construction of the areas of operation. • knows the structure and functions of the rooms. • knows the necessary facilities for the respective functions.	She/He • can use the business organization of the business after instruction to fulfill the tasks: ⇒ recognizes the connection between the individual work tasks and rooms. • knows the system of order and can orientate itself on this system.	She/He • sets up the rooms according to the functions logical and ergonomic: ⇒ Direct ways ⇒ Short ways ⇒ Correct working heights ⇒ safety aspects ⇒ clarity. • can carry out processes in the different rooms efficiently and logically. • is able to take into account the functions of the rooms and carry out the respective work in the corresponding rooms.	

U1.2 Scheduling <ul style="list-style-type: none"> • Planning the work process • Schedules related to the work orders: short and long term • Timelines related to employee assignment • Control and evaluate processes 	She/He <ul style="list-style-type: none"> • has knowledge about work organization. • knows work schedules. • knows employee schedules. 	She/He <ul style="list-style-type: none"> • can plan and organize the operation. • can work on schedule. • can combine short-term and long-term processes combined. • plans the timing of the orders, also for individual employees or as a team. • can control processes. 	She/He <ul style="list-style-type: none"> • can plan, organize, monitor, evaluate and correct the short-term and long-term work processes of the course of business. • can insert individual orders from experience structured into the schedule. • employees can legally plan in accordance with the workload and the respective working hours (vacation, breaks). • creates the employee assignment plan.
U1.3 Logistics <ul style="list-style-type: none"> • Planning • Control • Optimization and implementation of goods, information and personal flows 	She/He <ul style="list-style-type: none"> • knows the criteria that belong to the logistics: <ul style="list-style-type: none"> ⇒ packaging ⇒ security ⇒ transport times ⇒ Legal aspects. • knows the possibilities to procure and ship goods: 	She/He <ul style="list-style-type: none"> • can carry out all logistics aspects. • carries out the transport for special orders. • can hire external transport companies. • is able to accept, carry out, ship 	She/He <ul style="list-style-type: none"> • is able to process goods procurement and shipping according to: <ul style="list-style-type: none"> ⇒ legal provisions ⇒ timely ⇒ environmentally friendly ⇒ efficiently. • is responsible for planning,

	<ul style="list-style-type: none"> ⇒ wholesale markets ⇒ internet trade. <ul style="list-style-type: none"> • knows delivery options: <ul style="list-style-type: none"> ⇒ company cars ⇒ taxi ⇒ takeaway ⇒ transport companies. 	deliveries.	organizing and securing the supply cycle in the business.
U1.4 Organization of the work process - workflows related to manufacturing <ul style="list-style-type: none"> • Goods Procurement / Purchasing • Material properties (flowering time, durability) • Manufacturing processes • Presentation • Sale • Packaging • Logistics • Planning new processes 	She/He <ul style="list-style-type: none"> • masters the specialist terminology. • knows the elementary and special possibilities of purchasing goods: <ul style="list-style-type: none"> ⇒ pre-orders ⇒ order. • knows the legislature in the trade. • knows ways to order and buy goods according to the marketing strategies of the store. • knows elementary and special floristic processes in production. • knows possibilities of the processes of the goods presentation and the sales. • knows packaging options for sales, 	She/He <ul style="list-style-type: none"> • can perform all skills related to the procurement of goods. • acts in accordance with the Legislature. • can prepare and create orders for goods purchase. • is able to plan the product range. • can carry out the purchase. • can carry out all processes related to production. • can carry out all the processes of product presentation and sales. 	She/He <ul style="list-style-type: none"> • can plan inventory, compare offers and order goods based on business alignment / strategy. • can estimate stocks according to the paragraph and order new goods. • can request quotes from suppliers. • is able to compare goods / offers and make decisions that suit the business, based on: <ul style="list-style-type: none"> ⇒ quality ⇒ Delivery period ⇒ quantity and prices. • is competent to create orders. • uses different ways to order

	transport and protection.		<p>goods:</p> <ul style="list-style-type: none"> ⇒ Digital over the Internet ⇒ personally at the wholesale market ⇒ nursery plants. <ul style="list-style-type: none"> • is able to perform or guide a wide variety of subject-related work processes and processes in a structured and logically sorted manner. • is able to process the material and the materials in logical working processes and in accordance with the material: <ul style="list-style-type: none"> ⇒ blossoming times ⇒ storage times ⇒ durability. • masters more demanding actions of work processes: <ul style="list-style-type: none"> ⇒ order taking ⇒ quotations ⇒ complaint report.
U1.5 Workplace design <ul style="list-style-type: none"> • Setup workspace <ul style="list-style-type: none"> ⇒ Provide material and work equipment ⇒ Safety regulations 	She/He <ul style="list-style-type: none"> • has an overview of setting up workstations. • knows the necessary equipment 	She/He <ul style="list-style-type: none"> • can set up the jobs. • maintains and maintains the work areas of the shop. 	She/He <ul style="list-style-type: none"> • is able to set up the workplace according to the need for different processes, to prepare / provide all necessary tools, tools,

<ul style="list-style-type: none"> ⇒ Fire protection • Ergonomics of the workplace / effective work 	<p>and tools and equipment for the respective work processes.</p> <ul style="list-style-type: none"> • knows the ergonomic aspects: <ul style="list-style-type: none"> ⇒ working heights ⇒ water connection ⇒ electricity ⇒ viewing areas ⇒ light / brightness. 	<ul style="list-style-type: none"> • can be ergonomic action. 	<p>materials and materials.</p> <ul style="list-style-type: none"> • plans and monitors the availability of work equipment and tools. • can adapt ergonomic aspects to different situations and people.
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Title of the qualification		Florist		U2
EQF level		Level 4 (Florist)		
Unit of learning outcomes		Material (vegetable and non-vegetable) and tools		
	KNOWLEDGE	SKILLS	COMPETENCES	
U2.1 Botany	She/He	She/He	She/He	
<ul style="list-style-type: none">• Structure of the plants<ul style="list-style-type: none">⇒ Cell⇒ Morphology (root, shoot axis, leaves, flowers, fruits)• Life processes in plants<ul style="list-style-type: none">⇒ Water balance⇒ Substance and energy change⇒ Change of form⇒ Reproduction⇒ Physiology - irritability⇒ Genetics• Plant knowledge<ul style="list-style-type: none">⇒ Systematics (structure of the plant kingdom)⇒ Nomenclature - bot. names⇒ Horticultural signs• Soil Science<ul style="list-style-type: none">⇒ Soils	<ul style="list-style-type: none">• knows the structure of plants.• knows the plant parts.• knows metamorphoses.• has knowledge about life function of plants.• knows life processes.• knows the structure of plant systematics.• knows the names of a wider range of plants and defines their characteristics.• knows the botanical name.	<ul style="list-style-type: none">• can name the material parts.• describes the life processes.• can explain the structure.• can name plants and their parts.• can detect horticultural signs.• can detect the different soils, substrates and soils.• can name criteria.• can fertilize.	<ul style="list-style-type: none">• recognizes plant parts.• names typical plant parts and assigns them correctly to the plants:<ul style="list-style-type: none">⇒ root types⇒ stem forms⇒ leaf shapes⇒ flowers and shapes.• can explain various metamorphoses.• can assign functions to the plant parts and explain them.• is able to deduce from the appearance of plants and plant parts or deficiencies conclusions about general errors in care and	

<ul style="list-style-type: none"> ⇒ Gardening earths ⇒ Substrates • Fertilizer teaching <ul style="list-style-type: none"> ⇒ Nutrition of the plant ⇒ Fertilizers and regulations ⇒ Fertilizer recommendations 	<ul style="list-style-type: none"> • knows common varieties. • knows horticultural signs. • knows the criteria of soil science. • knows the ways of feeding the plants. • knows the composition of fertilizers. • knows different fertilizers. 		<ul style="list-style-type: none"> resulting corrections and assistance. • assigns the right names and botanical names to plants and parts of plants. • sorts appropriate plants into the various areas of plant systematics. • is in a position to assign horticultural signs to the different plants according to their characteristics and to draw conclusions about their care and to pass them on to customers. • assigns soils, substrates and soils to plant preferences and explain this and explain differences. • can explain the modes of action. • can explain the functions. • recognizes different fertilizers. • assigns the appropriate fertilizer to the various deficiency symptoms or general plant requirements.
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U2.2 Materials and pots <ul style="list-style-type: none"> • Binding tools • Plug-in auxiliary resources • Wires • Fabrics and ribbons • Candles • Paper • Pots 	She/He <ul style="list-style-type: none"> • recognizes the wide range of materials commonly used in floristry. 	She/He <ul style="list-style-type: none"> • can orient itself in this offer. • is able to explain differences. 	She/He <ul style="list-style-type: none"> • can weigh and evaluate the use of individual materials. • decides on the most technically suitable material.
U2.3 Care and storage	She/He <ul style="list-style-type: none"> • knows how to care for materials and materials. • knows storage possibilities. 	She/He <ul style="list-style-type: none"> • maintains professionally correct. • can store materials. • controls the storage. 	She/He <ul style="list-style-type: none"> • maintains the materials and informs the customer about further care measures. • stores the goods according to their needs. • decides rationally what can be stored: <ul style="list-style-type: none"> ⇒ which materials ⇒ what materials ⇒ in what form ⇒ in which place. • recognizes quality features of the goods and then decides to avoid losses.

U2.4 Plant protection <ul style="list-style-type: none"> • Integrated plant protection • Resistances • Biological plant protection • Vegetable pouring and spraying • Chemical plant protection • Patterns of damage and causes <ul style="list-style-type: none"> ⇒ Damage caused by culture ⇒ External influences, weather ⇒ Pathogens ⇒ Pests ⇒ Vegetable pests • Laws and Regulations • Application procedures • Protection of species 	She/He <ul style="list-style-type: none"> • knows optimal plant cultures to keep plants healthy. • knows common diseases and pests. • knows typical patterns of damage. • knows the range of pesticides on the market and their effects. • knows biological pesticides and their effects. • knows alternative pesticides. • knows the wider range of environmentally friendly materials on the market. 	She/He <ul style="list-style-type: none"> • can explain to the client the types of pest control. • explains the mode of action of the different remedies or the use of beneficial organisms. • works with environmentally friendly materials. 	She/He <ul style="list-style-type: none"> • is able to assign the malware to the pests or deficiency symptoms. • based on his experience, he can advise the customer on the best pest control options. • advises clients to help them choose the optimal funds from the market.
U2.5 Use and maintenance of tools	She/He <ul style="list-style-type: none"> • knows the range of tools on the market. • knows testable machines. • knows the handling and the functions. 	She/He <ul style="list-style-type: none"> • can handle different common tools: <ul style="list-style-type: none"> ⇒ florists knife ⇒ wire cutters ⇒ side cutter ⇒ pliers ⇒ rose scissors 	She/He <ul style="list-style-type: none"> • is able, depending on the need and the objective, to select the right, technically correct tool and to use it correctly. • can assess the need for new purchases and the associated

		<ul style="list-style-type: none"> ⇒ saws ⇒ paper scissors. • maintains tools and machines. 	benefits of new tools.
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Title of the qualification		Florist		U3
EQF level		Level 4 (Florist)		
Unit of learning outcomes		Techniques		
	KNOWLEDGE	SKILLS	COMPETENCES	
U3.1 Preparation techniques - primary techniques <ul style="list-style-type: none">• Cutting / dividing with different tools<ul style="list-style-type: none">⇒ Knife⇒ Cutter⇒ Secateurs⇒ Loppers⇒ Paper Scissors⇒ Cutting machine⇒ Glass cutter⇒ Flex• Stabilizing<ul style="list-style-type: none">⇒ Props⇒ Rails• Protecting<ul style="list-style-type: none">⇒ Unwrapping⇒ Wrapping⇒ Grow⇒ Painting⇒ Lining up (foil)	<p>She/He</p> <ul style="list-style-type: none">• knows all common care measures for cut flowers:<ul style="list-style-type: none">⇒ remove excess leaves⇒ cutting the flower stems⇒ setting in clean containers with fresh water⇒ cooling.• knows all the usual preparatory techniques and the necessary aids and materials.• knows all common extension measures for cut flowers and materials.	<p>She/He</p> <ul style="list-style-type: none">• can perform the right care for known cut flowers.• can customers and assistants explain the care measures.• is able to carry out all standard preparatory activities.• can perform all common extending techniques.	<p>She/He</p> <ul style="list-style-type: none">• can independently carry out a quality control of the materials.• analyzes the correct start according to the habitus and executes it.• can supply the goods according to urgency of water supply / cooling.• is able to select the appropriate materials and aids.• can implement common protective work on materials and materials in a technically correct and logical manner.• selects auxiliaries and materials	

<ul style="list-style-type: none"> • Extending the wire <ul style="list-style-type: none"> ⇒ Fork ⇒ Skewer ⇒ Wiring up chain 			<p>for the different techniques, materials that are relevant for the processing:</p> <ul style="list-style-type: none"> ⇒ matching wires (properties) ⇒ suitable material types. <ul style="list-style-type: none"> • can do the right technique according to the purpose.
<p>U3.2 Manufacturing techniques</p> <ul style="list-style-type: none"> • Binding (bouquets, wreath, garland) with various tools / means of design <ul style="list-style-type: none"> ⇒ Tie wire ⇒ Cable ties ⇒ Grape wire ⇒ Rubber rings ⇒ Band ⇒ Bast ⇒ Fast binder • Plugging • Glueing <ul style="list-style-type: none"> ⇒ Hot glue ⇒ Wallpaper glue ⇒ Craft glue • Sticking <ul style="list-style-type: none"> ⇒ Adherence ⇒ Needles ⇒ Nailing ⇒ Tacking ⇒ Toothpick / skewers 	<p>She/He</p> <ul style="list-style-type: none"> • has a comprehensive knowledge of the general production techniques. • knows advantages and disadvantages of the different production techniques. 	<p>She/He</p> <ul style="list-style-type: none"> • is able to perform all common manufacturing techniques. • can customers and assistants explain the common manufacturing techniques. • is able to realize all general production techniques of floristry. 	<p>She/He</p> <ul style="list-style-type: none"> • can supply the goods according to urgency of water supply / cooling. • plans suitable workpieces according to orders and selects suitable production techniques. • decides from known peculiarities of different techniques on a correct material and material selection. • can independently carry out a quality control on himself and others.

<ul style="list-style-type: none"> • Planting • Setting 			
U3.3 Design techniques <ul style="list-style-type: none"> • Winding • Threading • Pouring / sprinkling • Braiding • Piling • Knitting • Crocheting • Soldering • Sewing • Weaving • Clamping • Twirling • Noding 	She/He <ul style="list-style-type: none"> • knows various current design techniques. • differentiates between individual techniques, depending on the type of re-use. • knows reasons for professional action and can explain this. 	She/He <ul style="list-style-type: none"> • can use common design techniques. • decides on a purposeful design technique, executes it independently and professionally, depending on the purpose of the re-use. • is able to explain the common techniques. • uses appropriate tools. 	She/He <ul style="list-style-type: none"> • knows the work processes and their relationships. • knows peculiarities of different materials. • knows special features of different materials. • can explain and explain individual activities. • knows the connections between the type of technology and the benefits of further use in the workpiece and decides accordingly.

Title of the qualification		Florist		U4
EQF level		Level 4 (Florist)		
Unit of learning outcomes		Design		
	KNOWLEDGE	SKILLS	COMPETENCES	
U4.1 Order types • Symmetry • Asymmetry	She/He • defines symmetry and asymmetry. • can represent the theoretical fundamentals.	She/He • can create workpieces in the different methods of design types. • works well with the differences. • is able to explain the order types.	She/He • is able to select in different situations the corresponding correct order type for the workpiece. • assigns suitable materials and materials.	
U4.2 Design type • Decorative • Vegetative • Formal-linear	She/He • can explain the terms technically correct and provide examples.	She/He • can independently create workpieces in all design types. • can make the right choice of known materials, aids and materials to the design types.	She/He • can implement all types of design from theory in practice. • may infer from unknown circumstances to the correct style. • uses all design types in the workpieces depending on the	

			circumstances: ⇒ materials ⇒ season ⇒ customer.
U4.3 Arrangement <ul style="list-style-type: none"> • Arrangement type (line course of the materials) <ul style="list-style-type: none"> ⇒ Radial ⇒ Parallel ⇒ Free • Depth effect and spatiality (arrangement of materials in the workpiece) <ul style="list-style-type: none"> ⇒ Dimension (line, area body) ⇒ Overlap ⇒ Staggering ⇒ Grouping ⇒ Ranking ⇒ Scattering ⇒ Growth point 	She/He <ul style="list-style-type: none"> • knows the arrangement types. • knows all common aspects of depth and spatiality. 	She/He <ul style="list-style-type: none"> • can explain the arrangement types. • can technically correct and independently implement the arrangement types: <ul style="list-style-type: none"> ⇒ radial ⇒ free ⇒ parallel. • can apply the different aspects in practice. • is able to create workpieces with different arrangements. 	She/He <ul style="list-style-type: none"> • uses the arrangement types. • is able to depict depth effects and premises. • analyzes and observes the need to work on different workpieces with depth effects and premises. • is able to select the materials accordingly.
U4.4 Form theory - appearance of plants / essential features <ul style="list-style-type: none"> • Basic shapes and their effects (triangle, rectangle, circle) • Shape quality (solid to loose outline) 	She/He <ul style="list-style-type: none"> • controls the forms of movement safely. • safely recognizes the forms of movement. 	She/He <ul style="list-style-type: none"> • uses the terms: <ul style="list-style-type: none"> ⇒ basic form ⇒ outline form ⇒ forms of movement ⇒ valences 	She/He <ul style="list-style-type: none"> • uses the known forms of movement safely and individually. • can apply floristic rules, for

<ul style="list-style-type: none"> • Constructive and free forms • Forms of movement • Valences • Structure • Texture 	<ul style="list-style-type: none"> • knows different outlines. • knows the values derived from the appearance of the materials. • knows different structures. • recognizes different examples of textures. 	<ul style="list-style-type: none"> ⇒ structure and texture. • creates workpieces using: <ul style="list-style-type: none"> ⇒ basic form ⇒ outline form ⇒ forms of movement ⇒ valences ⇒ structure and texture. 	<p>example:</p> <ul style="list-style-type: none"> ⇒ shape over of color, but bright over dark.
<p>U4.5 Proportion</p> <ul style="list-style-type: none"> • 3: 5: 8 • Excessive proportion • Inverse proportions • Wreath proportion 	<p>She/He</p> <ul style="list-style-type: none"> • knows the proportion 3: 5: 8. • knows alternative proportions. 	<p>She/He</p> <ul style="list-style-type: none"> • use the known criteria and procedures for proportion 3: 5: 8 for all workpieces. • applies the wreath proportions according to the known rules. • works in practice with common known proportions. 	<p>She/He</p> <ul style="list-style-type: none"> • solves creative tasks with classical and alternative proportions such as: <ul style="list-style-type: none"> ⇒ 3: 5: 8 ⇒ coated proportion ⇒ reverse proportion.

<p>U4.6 Color theory</p> <ul style="list-style-type: none"> • Color naming • Color systems • Color contrasts • Color harmonies • Color symbolism • Color effects 	<p>She/He</p> <ul style="list-style-type: none"> • can arrange the colors in the 12-part color circle according to Itten. • knows the background of the color vision. • knows the primary contrasts: <ul style="list-style-type: none"> ⇒ color-in-itself contrast ⇒ color contrast ⇒ complementary contrast ⇒ color-non-color contrast ⇒ amount of contrast ⇒ purity contrast. • knows the secondary contrasts: <ul style="list-style-type: none"> ⇒ activity contrast ⇒ hot-cold contrast ⇒ materiality contrast ⇒ brightness contrast. • knows the harmonies: <ul style="list-style-type: none"> ⇒ harmonies of small contrasts (harmony, color families, neighborhood colors) ⇒ harmonies of great contrasts (two-tone, three-tone, four-tone) ⇒ harmonies of mixed contrasts. • knows the simple color symbolics. 	<p>She/He</p> <ul style="list-style-type: none"> • can construct a color wheel. • is able to explain the color vision. • is able to put flowers (materials) together in different color contrasts. • applies the harmonies in the workpieces. 	<p>She/He</p> <ul style="list-style-type: none"> • assigns the name of Itten to the names of Goethe. • understands the relationships between color vision, body colors and light colors. • recognizes the contrasts in the color play of the workpieces. • is able to execute or use color contrasts in a particular situation.
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U4.7 Stylistics	<p>She/He</p> <ul style="list-style-type: none"> • has in-depth general knowledge of typical architectural styles and their characteristics: <ul style="list-style-type: none"> ⇒ antiquity (Sumerians, Egyptians, Greeks, Romans) ⇒ middle ages (Romanesque, Gothic) ⇒ modern times (Renaissance, Baroque, Rococo, Classicism, Biedermeier, Art Nouveau, Bauhaus, Modern, Postmodernism). • has integrated expertise in stylistics. • has a critical understanding of transitions from one epoch to the 	<p>She/He</p> <ul style="list-style-type: none"> • works according to the architectural styles typical workpieces. • selects the materials according to the architectural styles. • selects the colors according to the architectural styles. 	<p>She/He</p> <ul style="list-style-type: none"> • recognizes architectural styles. • applies well-known decoration forms fittingly, independently, depending on the situation. • analyzes local requirements in the buildings / buildings and shapes the architectural style accordingly.

	<p>next.</p> <ul style="list-style-type: none"> • can style styles based on fashion, art, etc. 		
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Title of the qualification		Florist		U5
EQF level		Level 4 (Florist)		
Unit of learning outcomes		Thematic floristry		
	KNOWLEDGE	SKILLS	COMPETENCES	
Diverse workpieces on topics: <ul style="list-style-type: none">• Colour• Texture• Seasons• Mood<ul style="list-style-type: none">⇒ Childlike⇒ Cheerful⇒ Elegant⇒ Festive• Style<ul style="list-style-type: none">⇒ Vintage⇒ Scandinavian⇒ Exotic⇒ Rustic• Material properties<ul style="list-style-type: none">⇒ Brittle⇒ Climbing• Symbolism• Events related to topics<ul style="list-style-type: none">⇒ Exhibitions⇒ Fairs• Topics of origin / home of	She/He <ul style="list-style-type: none">• knows the types of popular themed floristry.• knows materials and materials that underline the topic statements.• knows the appropriate design principles for the topics.	She/He <ul style="list-style-type: none">• can select the right material, materials and accessories for common topics.• can produce the workpieces in different techniques:<ul style="list-style-type: none">⇒ bind⇒ plug⇒ plant.	She/He <ul style="list-style-type: none">• applies the usual design principles to the topics.• selects the products and techniques according to the familiar themes.• can adapt the workpieces to the customer types and customer requirements.• can adapt the workpieces to the place of use.• can coordinate the execution of the work with the business processes.• adjusts the design of task content and context.	

Plants or materials ⇒ European ⇒ Alpin ⇒ Mediterranean • Scent • Plant Group ⇒ Grasses ⇒ Bog plant ⇒ Wet meadow			• applies his / her experience and ability to guide less qualified persons.
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Title of the qualification		Florist		U6
EQF level		Level 4 (Florist)		
Unit of learning outcomes		Event-related floristry		
	KNOWLEDGE	SKILLS	COMPETENCES	
Diverse workpieces for: <ul style="list-style-type: none">• Public and representative events<ul style="list-style-type: none">⇒ Flower arrangements for openings⇒ Inaugurations⇒ State occasions⇒ Anniversaries⇒ Ceremonies⇒ Award ceremonies⇒ Television productions• Family celebrations<ul style="list-style-type: none">⇒ Wedding⇒ Baptism⇒ Mourning⇒ Anniversaries⇒ Birthdays• Floristry for religious festivals / religious holidays<ul style="list-style-type: none">⇒ Easter⇒ Christmas⇒ Baptism	She/He <ul style="list-style-type: none">• knows the different materials which can be used.• has basic knowledge of the rules of distance effect:<ul style="list-style-type: none">⇒ use of color⇒ suitable material selection.• knows rules that can occur through different locations:<ul style="list-style-type: none">⇒ stability⇒ tipping load⇒ weather influences (wind, rain, sun).• knows rules for work safety.• knows the aspects of floristry for family celebrations.	She/He <ul style="list-style-type: none">• can choose suitable materials for durability and occasion:<ul style="list-style-type: none">⇒ childish, playful⇒ modern, contemporary⇒ close to nature, simple.• can create workpieces in various design types, shape, size, structure.• can create several common workpieces for family celebrations.• is able to work with different techniques:<ul style="list-style-type: none">⇒ fixtures⇒ plug techniques⇒ binding techniques⇒ water supply options.• can work with different colors.	She/He <ul style="list-style-type: none">• is able to select suitable materials and materials, taking into account the contracting person:<ul style="list-style-type: none">⇒ age⇒ phenotype⇒ character⇒ job⇒ favorite colors.• selects appropriate materials according to the occasion:<ul style="list-style-type: none">⇒ festive⇒ modern⇒ representative⇒ customer requirements.• conceives individual work forms according to the order.• choose the right design for	

<ul style="list-style-type: none"> ⇒ Thanksgiving ⇒ Pentecost ⇒ Ascension ⇒ Other faiths • Festivals during the year: <ul style="list-style-type: none"> ⇒ Winter festivals (New Year's Eve, Carnival) ⇒ Spring Festival (May Day, Cherry Blossom Festival, Mother's Day, Women's Day) ⇒ Summer festivals (solstice, summer party, children's day) ⇒ Autumn festivals (beginning of the school year, sugar bag festival, kite festival, Halloween) 	<ul style="list-style-type: none"> • knows current trends. • knows a basic assortment of materials and materials as well as accessories underlining the occasion. • knows a variety of design options for weddings: <ul style="list-style-type: none"> ⇒ bridal decoration ⇒ body decorations ⇒ car decorations ⇒ church decorations (altar, benches, scattered flowers, room decorations, ring pillows) ⇒ room decoration ⇒ table decorations (place cards, candles, napkin decorations, giveaway floral, room-covering table decoration) ⇒ buffet decoration. • knows a variety of design options for mourning: <ul style="list-style-type: none"> ⇒ condolences private or representative ⇒ coffin decoration ⇒ urn decoration ⇒ grave bouquets ⇒ grave arrangements ⇒ form binding (hearts, crosses) ⇒ wreaths ⇒ planters 	<ul style="list-style-type: none"> • can create various disseminated workpieces for religious festivals. • describes background of festivals during the year. • can create a variety of floristic workpieces for celebrations throughout the year. • takes into account seasonal offers. • can choose suitable accessories for the occasions that underline this. 	<ul style="list-style-type: none"> different: <ul style="list-style-type: none"> ⇒ age groups ⇒ professional fields ⇒ cultures ⇒ faith communities. • heeds the desired durability. • heeds the place of use. • weighs off the different techniques and decide on a suitable one according to the nature and nature of the materials. • works in consideration of fashion trends. • develops according to specifications of the client independently design ideas for a variety of workpieces of all festivals: <ul style="list-style-type: none"> ⇒ birth ⇒ back to school ⇒ birthdays ⇒ wedding ⇒ funeral services. • evaluates all the benefits and benefits of possible design ideas, techniques and compilations.
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	<ul style="list-style-type: none"> ⇒ church decoration ⇒ chapel decoration ⇒ scattered flowers ⇒ hand bouquets ⇒ modern workpieces ⇒ grave decoration ⇒ permanent grave decoration for the memorial days. <ul style="list-style-type: none"> • knows a variety of design options for birthdays: <ul style="list-style-type: none"> ⇒ floral gifts ⇒ floral packaging ⇒ bouquets ⇒ arrangements ⇒ table decorations. • knows the aspects of floristry for religious festivals. • knows traditional symbols. • knows a basic assortment of materials and materials as well as accessories underlining the occasion. • knows a variety of design options for Easter: <ul style="list-style-type: none"> ⇒ modern work forms ⇒ egg tree ⇒ tassel tree ⇒ table arrangements. 		<ul style="list-style-type: none"> • determines the composition of materials and materials. • applies new techniques according to the order. • takes into account seasonal offers. • draws floral ideas and explains the conceptual ideas based on the drawings. • decides for a suitable selection of decoration options according to the customer information and explains this in the customer discussion. • can adapt the design and technology to the situation in the customer discussion. • is able to carry out all usual work steps from the inquiry to the sale (simple offer, calculation) autonomously organized and structured. • develops according to the specifications of the client independently design ideas for a
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	<ul style="list-style-type: none"> • knows a variety of design options for Christmas: <ul style="list-style-type: none"> ⇒ advent wreaths ⇒ candle arrangements ⇒ arrangements without candles ⇒ symbol floristics (stars, balls, boots, bells, pointed caps, christmas trees) ⇒ garlands ⇒ festoons ⇒ free hanging wreaths ⇒ table decoration (christmas bread with 4 candles) ⇒ bouquet ⇒ traditional floristry (Friesenbaum, apple pyramid) ⇒ modern floristic trends (hippeastrum hanged) ⇒ window decorations. • knows a variety of design options for baptism: <ul style="list-style-type: none"> ⇒ altar decorations ⇒ decoration of the baptismal font ⇒ bouquets ⇒ table decorations. • knows traditions. • knows the background of fashion trends. 		<ul style="list-style-type: none"> • variety of workpieces of all festivals. • independently designs for customer orders, taking into account the wishes and requirements, floristic workpieces. • compiles materials considering the season. • decides on the appropriate technical solution for the materials and purpose. • calculates the workpieces. • follows news and fashion trends.
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	<ul style="list-style-type: none"> • knows the range of plants and cut flowers available during the year. 		
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Title of the qualification		Florist		U7
EQF level		Level 4 (Florist)		
Unit of learning outcomes		Room-related floristry		
	KNOWLEDGE	SKILLS	COMPETENCES	
Diverse workpieces as jewelry or decoration: <ul style="list-style-type: none">• Architecturally appropriate floristry• Window decoration• Table decoration with spatial reference• Objects• Event and exhibition design• Shop design	She/He <ul style="list-style-type: none">• knows the different architectural styles:<ul style="list-style-type: none">⇒ ancient times (Sumerians, Egyptians)⇒ ancient (Greek antiquity, Roman antiquity)⇒ middle ages (Romanesque, Gothic)⇒ modern times (Renaissance, Baroque, Rococo, Classicism, Historicism, Biedermeier, Art Nouveau)⇒ modern (Bauhaus, Modern, Postmodern).• is able to put together suitable materials and materials to the architectural specifications.• knows typical historical flower	She/He <ul style="list-style-type: none">• is able to describe the different architectural styles using common features.• describes a variety of decoration options for various events.• chooses plants and accessories with spatial reference.• creates sketches and material lists for offers.• creates workpieces using various proven techniques and designs.• develops calculations for room decoration with modern PC technology.	She/He <ul style="list-style-type: none">• recognizes the features of the room style and adapts the decoration to the event.• can implement the wishes of the customers in the design rules.• can design and develop modern and traditional pieces of work.• analyzes the events and adjusts the decoration / jewelry.• independently fulfills the well-known customer orders, taking into account the customer requirements and requirements of the rooms.• can solve occurring problems.	

	<p>decoration forms, which were manufactured in the respective epochs.</p> <ul style="list-style-type: none"> • knows different types of shop windows: <ul style="list-style-type: none"> ⇒ floor-level sillester ⇒ window-like windows with window sills ⇒ behind closed shop windows ⇒ shop windows open to the shop. • knows the goals of a shop window design: <ul style="list-style-type: none"> ⇒ presentation of the goods ⇒ create customer incentive ⇒ advertising. • knows simple basics of the design rules for advertising windows: <ul style="list-style-type: none"> ⇒ showcase types ⇒ lighting design ⇒ pricing ⇒ construction ⇒ rhythm of optimal transformation periods ⇒ cleanliness ⇒ viewing direction and location. • knows the criteria of the shop window designs. • knows materials and materials that 	<ul style="list-style-type: none"> • chooses materials and accessories for decorating the shop windows. • uses different appropriate techniques and designs in the development of the decoration. • develops a plan. • designed the advertising windows. • is able to describe the different interior styles using common features. • describes a variety of decoration options for various events. • creates workpieces using various proven techniques and designs. • worked outdoor decorations adapted to local conditions (wind, sun, backgrounds). • chooses materials and materials for decoration. • designs objects with different materials using different techniques and designs. • can individually apply different 	<ul style="list-style-type: none"> • plans and organizes the own employment and that of the less qualified persons. • is able to test the quality. • recognizes the interaction between the size of the room and the space-filling floristry, the size of the workpieces and also the placement of the jewelery. • analyzes the advertising purpose and selects suitable advertising effective materials. • independently designs the flower decoration for the shop windows. • designed according to the situation at eye level, viewing height of the customers. • places points of view and pays attention to the distance effect. • can achieve the desired durability. • applies different topics arranged according to customer approach (season, occasion, topic).
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	<p>are possible for decorations of the shop window.</p> <ul style="list-style-type: none"> • knows processing techniques that are suitable for window dressing. • knows the different table and table shapes. • knows the different architectural styles. • knows typical historical flower arrangements for tables made in the period. • is able to put together suitable materials and materials to the architectural specifications. • knows the interaction between the table size and the floristry. • specifications for the restaurant operation are known: <ul style="list-style-type: none"> ⇒ size of the workpieces ⇒ placing the jewelry on the tables ⇒ space requirement of the place settings ⇒ viewing areas ⇒ stability. 	<p>techniques.</p>	<ul style="list-style-type: none"> • combines floristry with advertising on billboards / backgrounds and supporting accessories. • analyzes the size of the shop window and adjusts the decoration. • is able to analyze, plan, calculate and design different table decorations according to the given spaces using obvious characteristics: <ul style="list-style-type: none"> ⇒ architectural styles ⇒ table forms ⇒ colour ⇒ light ⇒ room sizes. • applies a variety of decoration options for various events. • selects materials and accessories with spatial reference. • derives from the spatial conditions: <ul style="list-style-type: none"> ⇒ placements ⇒ business forms ⇒ Material selection ⇒ material selection ⇒ technology.
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	<ul style="list-style-type: none"> • knows possibilities to use floristry for the decoration of certain places as objects. 		<ul style="list-style-type: none"> • is interested in trends and fashion trends. • independently processes customer orders, taking into account their wishes and requirements. • recognizes the features of the room style and adjusts the objects.
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Title of the qualification		Florist		U8
EQF level		Level 4 (Florist)		
Unit of learning outcomes		Marketing and sales		
	KNOWLEDGE	SKILLS	COMPETENCES	
U8.1 Customer advice and service	<div>She/He</div> <ul style="list-style-type: none">• knows customer types and corresponding preferences.• knows sales channels:<ul style="list-style-type: none">⇒ phone sale⇒ internet sale⇒ shop sale.• masters sales strategies.• knows additional sales.	<div>She/He</div> <ul style="list-style-type: none">• has a promotional appearance:<ul style="list-style-type: none">⇒ manners⇒ facial expressions⇒ gesture⇒ language.• can advise customers.• can serve customers.	<div>She/He</div> <ul style="list-style-type: none">• is able to inform and advise customers.• is able to make offers for inquiries from customers considering the product range and techniques.• works with visualizing sales possibilities:<ul style="list-style-type: none">⇒ sketches⇒ template⇒ example pictures.• responds to the different customer types with appropriate appearance and offers.	
U8.2 Preparation and conclusion of contracts, offers	<div>She/He</div>	<div>She/He</div>	<div>She/He</div>	

	<ul style="list-style-type: none"> masters the legislature in purchasing and sales. 	<ul style="list-style-type: none"> can handle customer requests. can accept and process customer orders. can issue the following documents: <ul style="list-style-type: none"> ⇒ offer with calculation ⇒ list of materials ⇒ drawing / sketch. 	<ul style="list-style-type: none"> is competent, on the basis of the order independently to order and prepare goods.
U8.3 Promotion of sales <ul style="list-style-type: none"> Flower shop design Product presentation Marketing actions / promotional measures Use of different advertising platforms Management / means of marketing 	She/He <ul style="list-style-type: none"> can distinguish and describe information from market needs. knows common marketing measures in floristry: <ul style="list-style-type: none"> ⇒ posters ⇒ stand-up display ⇒ flyer ⇒ goods presentations ⇒ radio and television advertising ⇒ fairs ⇒ printed company paper and logos. knows advertising media. knows ways of selling: <ul style="list-style-type: none"> ⇒ additional sales ⇒ flower arranging via Fleurop. ⇒ corporate business. 	She/He <ul style="list-style-type: none"> is able to find information from the market needs. can apply standard sales promotion measures tailored to the shop. is able to use digital and print media. is able to create presentations. 	She/He <ul style="list-style-type: none"> is able to apply various common advertising measures. can control supply according to market demand. is competent to create offers with use of modern media.

	<ul style="list-style-type: none"> • knows different media. 		
U8.4 Cooperation in an international context	She/He <ul style="list-style-type: none"> • knows common professional terminology in a foreign language. 	She/He <ul style="list-style-type: none"> • can lead simple sales conversations in a foreign language. 	She/He <ul style="list-style-type: none"> • is able to use specialized terminology in a foreign language.

Title of the qualification		Florist		U9
EQF level		Level 4 (Florist)		
Unit of learning outcomes		Business management		
	KNOWLEDGE	SKILLS	COMPETENCES	
U9.1 Legal bases	She/He <ul style="list-style-type: none">• Masters the legal basis for:<ul style="list-style-type: none">⇒ quoting⇒ purchase⇒ sale⇒ distribution⇒ shipping⇒ delivery⇒ billing.	She/He <ul style="list-style-type: none">• is able to act within the framework of legislation.	She/He <ul style="list-style-type: none">• is able to act in accordance with the legislation in different situations in the specialist shop:<ul style="list-style-type: none">⇒ youth protection law⇒ exchange, withdrawal, reclamation and guarantee⇒ purchase agreements⇒ commercial law⇒ employment Law⇒ tax law⇒ data protection law⇒ unfair competition⇒ shop hours law.	
U9.2 Formation of an enterprise	She/He <ul style="list-style-type: none">• knows business concepts and business models.	She/He <ul style="list-style-type: none">• can choose a business model.• can work out a concept and seek	She/He <ul style="list-style-type: none">• decides depending on the environment of the new business situation for suitable	

	<ul style="list-style-type: none"> • knows legal provisions for business start-ups for individual companies. • knows location criteria. • knows financing possibilities. • knows specific tax regulations. • knows personnel regulations. • knows entrepreneurial necessary insurance and their processing options. 	<p>advice.</p> <ul style="list-style-type: none"> • may use general legislation to prepare the documents when starting up a trade. • can a business reasons and sign up. • is able to compare individual insurances and different policies. 	<p>entrepreneurial start-up procedures:</p> <ul style="list-style-type: none"> ⇒ creating a concept ⇒ financing ⇒ advertising concept. <ul style="list-style-type: none"> • is able to weigh and execute all necessary business decisions: <ul style="list-style-type: none"> ⇒ rental contract / purchase contract for business premises ⇒ commercial office ⇒ power supply ⇒ multimedia connections ⇒ personnel matters ⇒ professional association ⇒ insurance. • can competently set up own commercial companies under legislation. • is competent to balance operational risks and to select suitable insurance cover according to various risks and to conclude and update contracts.
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U9.3 Forms and principles of business organisation	She/He <ul style="list-style-type: none"> • knows the basics and differences of different company forms. • knows principles for the management of a trading company. 	She/He <ul style="list-style-type: none"> • can explain forms of enterprise and their differences. 	She/He <ul style="list-style-type: none"> • can weigh the different criteria according to their business idea and choose a company form. • is competent to lead an own company or branch office.
U9.4 Commercial management <ul style="list-style-type: none"> • Accounting • Bookkeeping • Cash balancing 	She/He <ul style="list-style-type: none"> • knows the basics of keeping simple and double-entry bookkeeping. • knows commercial activities in floristry specialist shops. • knows how to handle payment transactions. 	She/He <ul style="list-style-type: none"> • can handle simple accounting transactions. • masters the usual processes and principles of entrepreneurial trade in floristry. • is able to participate in individual entrepreneurial business processes: <ul style="list-style-type: none"> ⇒ plan ⇒ execute ⇒ check ⇒ correct. 	She/He <ul style="list-style-type: none"> • is competent to book and control bookkeeping transactions. • is able to make the accounting conclusion of day-to-day business. • is competent to carry out commercial control and control activities, to analyze them accordingly and to react to different influences.

Title of the qualification		Florist		U10
EQF level		Level 4 (Florist)		
Unit of learning outcomes		Human resources management and training		
	KNOWLEDGE	SKILLS	COMPETENCES	
U10.1 Personnel management and conflict management	She/He <ul style="list-style-type: none">• knows aspects of personnel management.• knows the personnel requirements in the different fields of floristry.• knows that conflicts are an inseparable part of working with people and knows ways to deal with conflicts.	She/He <ul style="list-style-type: none">• can describe the necessary skills and abilities of the staff in different positions.• can distribute the work among the employees.• can recruit staff for work and form working groups.• recognizes conflicts between employees.	She/He <ul style="list-style-type: none">• is able to select staff according to requirements and to assign tasks.• is able to behave correctly towards employees.• understands and takes on role model functions.• is aware that conflicts between employees may exist.• is able to settle conflicts.	

U10.2 Human resource planning	She/He <ul style="list-style-type: none"> • knows the basic labor laws that apply in the country in relation to: <ul style="list-style-type: none"> ⇒ working hours of employees ⇒ break times ⇒ leave arrangements ⇒ rest periods. • knows staff requirements. 	She/He <ul style="list-style-type: none"> • creates employee rosters. • determines personnel requirements for normal day-to-day business. • creates schedules in the longer term: <ul style="list-style-type: none"> ⇒ annual leave ⇒ cover plan ⇒ parental leave replacement. 	She/He <ul style="list-style-type: none"> • is able to plan the working time of the employees, depending on the type of work to maintain the continuity of the business. • pays attention to the legal regulations.
U10.3 Training and development of personnel <ul style="list-style-type: none"> • Identification of training needs of employees • Job description • Creation of a vocational training program • Implementation of education and training 	She/He <ul style="list-style-type: none"> • knows the approaches of lifelong learning. • knows job descriptions. • knows in the sense of vocational training simple common training methods. • knows the regulations and framework curricula of vocational training. • knows the need for further education. 	She/He <ul style="list-style-type: none"> • can look for opportunities for further education or training. • observes the relevant specialist press, forums on the Internet. • understands the explanations in the job descriptions, related to job, tasks and responsibilities. • can teach practical skills of floristry according to proven methods. 	She/He <ul style="list-style-type: none"> • analyzes for itself on the basis of new demands training needs (self-assessment). • is aware of the scope of the job descriptions. • is able to dissect general subject-specific training contents and to pass them on in individual steps in appropriate subject matter to apprentices, to explain and to control. • is able to provide general subject-specific training.

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Title of the qualification		Florist		U11
EQF level		Level 4 (Florist)		
Unit of learning outcomes		Quality control / assessment		
	KNOWLEDGE	SKILLS	COMPETENCES	
U11.1 Analysis	She/He <ul style="list-style-type: none">• knows the scope of quality control and its criteria.	She/He <ul style="list-style-type: none">• can perform quality control according to a plan and known criteria.	She/He <ul style="list-style-type: none">• is aware of the importance, necessity and consequences of good quality work.• knows how to control quality and draw conclusions.• can initiate and carry out a correction / improvement.	
U11.2 Consulting	She/He <ul style="list-style-type: none">• knows differences between personal and professional assessment.• knows ways of controlling the consulting activity.	She/He <ul style="list-style-type: none">• can reflect his advisory activity / service behavior.	She/He <ul style="list-style-type: none">• is able to keep advice quality at a necessary level through controls and behavioral fixes.• can conduct an advisory assessment of employees / colleagues.	

U11.3 Monitoring the quality of work	She/He <ul style="list-style-type: none"> • knows criteria of monitoring the quality of work. • knows need and ways of self-control. • knows efficient ways of correction. 	She/He <ul style="list-style-type: none"> • can safely make an assessment of the quality of common criteria. 	She/He <ul style="list-style-type: none"> • conducts regular self-assessments, introduces quality corrections, and derives training needs.

Title of the qualification		Florist		U12
EQF level		Level 4 (Florist)		
Unit of learning outcomes		Occupational safety and environmental protection		
	KNOWLEDGE	SKILLS	COMPETENCES	
U12.1 Occupational safety	<p>She/He</p> <ul style="list-style-type: none">• is familiar with health and safety regulations.• knows the rules when working with sharp tools:<ul style="list-style-type: none">⇒ knife⇒ scissors⇒ pliers⇒ saw.• knows the operating instructions of power tools:<ul style="list-style-type: none">⇒ drill⇒ screwdriver⇒ glue gun⇒ hotplate.• knows the health hazard of chemicals used.	<p>She/He</p> <ul style="list-style-type: none">• can work consciously according to the relevant safety regulations.• can work with sharp, electrical and temperature generating tools and equipment.• can work with chemicals.• can use the appropriate protective equipment.• can check the application of safety regulations.	<p>She/He</p> <ul style="list-style-type: none">• is familiar with the risks involved in working with tools and machines and can act accordingly as a precautionary measure.• is aware of the dangers of working with chemicals (adhesives, paints) and acts accordingly.• is open to new technological solutions to improve quality and safety.	

U12.2 Environmental protection	She/He <ul style="list-style-type: none"> • knows criteria of environmental protection. • knows criteria of species protection. • knows criteria of nature conservation. • knows criteria of water protection. 	She/He <ul style="list-style-type: none"> • can act in the sense of nature conservation, environmental protection and species protection. 	She/He <ul style="list-style-type: none"> • is aware of the need for environmental protection. • pays attention to species protection, nature conservation and environmental protection and opts for environmentally sound methods and materials.
U12.3 Waste prevention and waste disposal	She/He <ul style="list-style-type: none"> • knows ways of avoiding waste. • knows the types of waste and waste regulations. 	She/He <ul style="list-style-type: none"> • separates waste. • can dispose of recyclable waste. 	She/He <ul style="list-style-type: none"> • disposes of and sorts waste in an environmentally friendly way. • analyzes possibilities of waste prevention and reduces waste by reusable packaging, using alternative materials.
U12.4 Energy	She/He <ul style="list-style-type: none"> • knows fossil fuels. • knows ecological energy sources. • knows possibilities of efficient 	She/He <ul style="list-style-type: none"> • handles energy carefully. 	She/He <ul style="list-style-type: none"> • understands the need to use alternative energy sources. • reduces environmental impact through the use of regional

	<p>energy use.</p> <ul style="list-style-type: none"> • knows the principle of the ecological footprint. 		products.
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Title of the qualification		Florist		U1
EQF level		Level 5 (Manager)		
Unit of learning outcomes		Work organisation		
	KNOWLEDGE	SKILLS	COMPETENCES	
U1.1 Business organisation - structure of the company areas • Delivery • Manufacturing • Sale • Warehouse • Stay / social rooms	She/He • has in-depth knowledge of the operational organization and construction of the areas of operation. • is aware of new possibilities of arrangement. • knows hygienic standards and hygienic standards. • has knowledge of news and trends in the industry.	She/He • can question work processes, make necessary and possible changes.	She/He • is competent to instruct and implement the changes and assess their impact on business performance. • tracks supply from suppliers and compare and evaluate the quality and functionality of interior design services. • leads, plans and organizes the work of the employees.	

U1.2 Scheduling <ul style="list-style-type: none"> • Planning the work process • Schedules related to the work orders: short and long term • Timelines related to employee assignment • Control and evaluate processes 	She/He <ul style="list-style-type: none"> • knows the needs of the company. 	She/He <ul style="list-style-type: none"> • can routinely plan and organize the operation. • works on schedule. • combines short-term and long-term processes combined routinely. • schedules the orders for the team. • control, evaluate and correct processes. • decides long-term planned activities. 	She/He <ul style="list-style-type: none"> • plans, organizes, controls and evaluates the work processes of the course of business routinely and prudently and introduces corrections. • structures the schedule and controls and corrects. • controls employee schedules according to workload and working time (holidays, breaks). • heed the legal basis and fairness.
U1.3 Logistics <ul style="list-style-type: none"> • Planning • Control • Optimization and implementation of goods, information and personal flows 	She/He <ul style="list-style-type: none"> • has an overview of the individual options and their conditions. • knows comprehensive criteria of logistics: <ul style="list-style-type: none"> ⇒ security ⇒ packaging ⇒ transport times ⇒ storage ⇒ folding ⇒ legal aspects. 	She/He <ul style="list-style-type: none"> • works in both freight and information logistics according to a plan. • controls all processes. • instructs other employees. • can schedule delivery cycle in terms of shelf life of products. 	She/He <ul style="list-style-type: none"> • estimates the type of transport according to the time schedule, plans and controls. • is able to handle goods procurement and shipping: <ul style="list-style-type: none"> ⇒ efficiently ⇒ legal provisions ⇒ timely ⇒ environmentally friendly.

	<ul style="list-style-type: none"> • knows the many ways to procure and ship goods: <ul style="list-style-type: none"> ⇒ wholesale markets ⇒ internet trade. • knows many delivery options: <ul style="list-style-type: none"> ⇒ company cars ⇒ taxi ⇒ takeaway ⇒ transport companies. 	<ul style="list-style-type: none"> • is able to accept, carry out, ship deliveries. 	<ul style="list-style-type: none"> • works optimally and routinely. • is responsible for planning, organizing and securing the delivery cycle in the facility.
U1.4 Organization of the work process - workflows related to manufacturing <ul style="list-style-type: none"> • Goods Procurement / Purchasing • Material properties (flowering time, durability) • Manufacturing processes • Presentation • Sale • Packaging • Logistics • Planning new processes 	She/He <ul style="list-style-type: none"> • knows ways of controlling the processes. • knows documents for the processing of the complex product range. • knows the legislature in the trade. • knows ways to order and buy goods according to the marketing strategies of the store. 	She/He <ul style="list-style-type: none"> • acts in accordance with the Legislature. • can prepare and create orders for goods purchase. • is able to plan and modify the product offering. • can carry out the purchase. • has optimized his own processes through experience. • try news, learn new techniques and techniques. • advises the master on the use of 	She/He <ul style="list-style-type: none"> • can according to business alignment / strategy, plan inventory, compare offers and order goods. • can estimate stocks according to the paragraph and order new goods. • can request quotes from suppliers. • is able to compare goods / offers and make decisions that suit the business: <ul style="list-style-type: none"> ⇒ to quality ⇒ delivery period ⇒ quantity and prices.

		<p>new work processes or materials.</p> <ul style="list-style-type: none"> • is able to design and guide work processes in a routine manner. • controls. • responds to changes and news in the industry. 	<ul style="list-style-type: none"> • is competent to create orders. • uses different ways to order goods: <ul style="list-style-type: none"> ⇒ digitally over the Internet ⇒ personally at the wholesale market ⇒ nursery plants. • reacts to changes and news in the industry decides accordingly: <ul style="list-style-type: none"> ⇒ analysis of demand ⇒ new purchasing and procurement options of goods ⇒ new assortment. • is able to adapt the processes to the respective floristic workpieces. • is able to react to different circumstances. • masters more demanding actions of the work processes routinely and steers these procedures with coworkers: <ul style="list-style-type: none"> ⇒ order taking ⇒ quotations ⇒ complaint report.
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<p>U1.5 Workplace design</p> <ul style="list-style-type: none"> • Setup workspace <ul style="list-style-type: none"> ⇒ Provide material and work equipment ⇒ Safety regulations ⇒ Fire protection • Ergonomics of the workplace / effective work 	<p>She/He</p> <ul style="list-style-type: none"> • knows all work equipment and materials that are necessary for the respective work steps. • knows the processes. • knows advanced ergonomic aspects: <ul style="list-style-type: none"> ⇒ working heights ⇒ water connection ⇒ electricity ⇒ viewing areas ⇒ light / brightness / illumination ⇒ tools ⇒ machines. 	<p>She/He</p> <ul style="list-style-type: none"> • effectively sets up the workplace. • arranges the workplace logically. • sorts in advance. • can suggest an effective and optimized workplace equipment. • works optimally ergonomic. • pays attention to the way colleagues work. • optimizes the equipment of the shop. 	<p>She/He</p> <ul style="list-style-type: none"> • uses workplace setup standards for optimal performance. • controls the order with colleagues. • is able to pay attention to special safety regulations. • advises the master on the variants of the spatial possibilities in the business and their effectiveness. • fits ergonomic aspects of the device to suit different situations and people.
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Title of the qualification		Florist		U2
EQF level		Level 5 (Manager)		
Unit of learning outcomes		Material (vegetable and non-vegetable) and tools		
	KNOWLEDGE	SKILLS	COMPETENCES	
U2.1 Botany	She/He <ul style="list-style-type: none">• has in-depth knowledge of the structure of plants.• has in-depth knowledge of all plant parts from a variety of plants.• has in-depth knowledge of life function and life processes of the plants.• knows the plant systematics.• has extensive plant knowledge.• knows a variety of botanical names and the origin.• knows varieties of merchandise.• knows horticultural signs.	She/He <ul style="list-style-type: none">• safely names the material parts.• describes the life processes.• is safe in dealing with the structure, she can explain.• can name a variety of plants and their parts.• is safe in dealing with botanical names and denominations.• is very familiar in dealing with horticultural signs.• can explain the different soils, substrates and soils.• names comprehensive criteria.	She/He <ul style="list-style-type: none">• recognizes a wide range of plant parts.• names typical plant parts and assigns them correctly to the plants:<ul style="list-style-type: none">⇒ root types⇒ stem forms⇒ leaf shapes⇒ flowers and shapes.• can explain various metamorphoses.• is able to assign functions to all plant parts.• concludes from the life processes to necessary care or nursing errors.	

<ul style="list-style-type: none"> ⇒ Gardening earths ⇒ Substrates • Fertilizer teaching <ul style="list-style-type: none"> ⇒ Nutrition of the plant ⇒ Fertilizers and regulations ⇒ Fertilizer recommendations 	<ul style="list-style-type: none"> • knows the soil science. • knows wide differences. • knows in-depth aspects of plant nutrition. • knows a wider range of different fertilizers and plant strengthening agents and the composition and modes of action. • knows the different regulations. 	<ul style="list-style-type: none"> • can fertilize properly and explain the procedures. • can give recommendations to customers and employees. 	<ul style="list-style-type: none"> • may conclude habitus on incorporation into plant families. • assigns the correct trade names and botanical names to a large number of plants and plant parts and defines the characteristics. • uses horticultural signs. • explains differences also in terms of environmental protection. • understands the effects in terms of yields, plant health and care in the specialist shop. • recognizes the connection between functions of different fertilizers and safely allocates the appropriate fertilizer to the various deficiency symptoms or general plant requirements.
U2.2 Materials and pots <ul style="list-style-type: none"> • Binding tools • Plug-in auxiliary resources • Wires • Fabrics and ribbons • Candles 	She/He <ul style="list-style-type: none"> • recognizes the wide range of materials used in floristry. • knows the characteristics and special features. 	She/He <ul style="list-style-type: none"> • experiments with new materials. • works safely with the different materials and can react safely to special properties. 	She/He <ul style="list-style-type: none"> • is able to explain differences. • can weigh and assess the use of new materials and make recommendations to the master.

<ul style="list-style-type: none"> • Paper • Pots 	<ul style="list-style-type: none"> • knows the manufacturing methods and components of common materials. • knows differences related to the environmental friendliness. 		<ul style="list-style-type: none"> • decides to choose the most suitable material, and respects the environment. • selects materials by purpose, can justify this and respond to changes confidently: <ul style="list-style-type: none"> ⇒ weatherproof ⇒ degradability ⇒ waterproof ⇒ wire thickness ⇒ band characteristics.
U2.3 Care and storage	She/He <ul style="list-style-type: none"> • knows post-harvest storage methods for a wide range of varieties. • knows how to care for a wide range of materials and materials. 	She/He <ul style="list-style-type: none"> • maintains and stores the goods in the specialist shop safely, routinely and adjusted to the conditions. • controls the care and storage tasks of colleagues. 	She/He <ul style="list-style-type: none"> • decide on the type and condition of care and storage of the cut flowers according to: <ul style="list-style-type: none"> ⇒ requirements after harvest ⇒ depending on the origin. • decide on the type of care for the plants in the specialist shop. • maintains the materials routinely and informs the customer about further care measures. • stores the durable goods according to their needs.

			<ul style="list-style-type: none"> • decides routinely about storage: <ul style="list-style-type: none"> ⇒ which materials ⇒ which materials ⇒ in which form ⇒ how long ⇒ in which place ⇒ under which conditions. • routinely observes quality features of the goods and decides so that losses are avoided.
U2.4 Plant protection <ul style="list-style-type: none"> • Integrated plant protection • Resistances • Biological plant protection • Vegetable pouring and spraying • Chemical plant protection • Patterns of damage and causes <ul style="list-style-type: none"> ⇒ Damage caused by culture ⇒ External influences, weather ⇒ Pathogens ⇒ Pests ⇒ Vegetable pests • Laws and Regulations • Application procedures • Protection of species 	She/He <ul style="list-style-type: none"> • is safe in dealing with optimal crops to keep plants healthy. • knows holistic integrated pest management. • knows resistances and resistant varieties. • knows about diseases and pests. • knows a lot of typical patterns of damage. • knows a wider range of pesticides on the market and their effects. • knows many biological pesticides 	She/He <ul style="list-style-type: none"> • vividly explains the possible types of pest control. • explains how different means and possibilities work. • applies plant protection measures according to regulations and in compliance with health protection. • can explain to the client the types of pest control. • explains how different remedies work and recommends the use of beneficial organisms. • works with environmentally friendly 	She/He <ul style="list-style-type: none"> • weighs the type of control related to environmental friendliness and function. • organizes an environmentally friendly disposal of plant protection products, according to the regulations. • is able to attribute a large number of patterns of damage to possible pests or deficiency symptoms and to show customers the best options for combating them. • can recommend to the customer the optimal means from the

	<p>and their effects.</p> <ul style="list-style-type: none"> • knows many alternative pesticides. • knows the wider range of environmentally friendly aids on the market. 	materials.	<p>market offer.</p> <ul style="list-style-type: none"> • is safe in dealing with the laws and regulations of plant protection. • leads and assists less qualified employees in the application of physical, chemical and mechanical pest management measures. • pays attention to the protection of species: <ul style="list-style-type: none"> ⇒ in the selection of plants for sale ⇒ in the choice of pesticides ⇒ application according to description (application).
U2.5 Use and maintenance of tools	<p>She/He</p> <ul style="list-style-type: none"> • knows a wide range of tools. • knows a wide range of machines. • knows the operating methods and operating instructions. • checks the functionality of the required tools. 	<p>She/He</p> <ul style="list-style-type: none"> • is able to use highly specialized tools. • pays attention to proper operation maintenance and to occupational safety. 	<p>She/He</p> <ul style="list-style-type: none"> • is able to select and use the tool according to the material and the target position with suitable technology. • initiates repair or replacement of damaged tools. • explains and guides the functions and operations of less qualified

			employees.
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Title of the qualification		Florist		U3
EQF level		Level 5 (Manager)		
Unit of learning outcomes		Techniques		
	KNOWLEDGE	SKILLS	COMPETENCES	
U3.1 Preparation techniques - primary techniques <ul style="list-style-type: none">• Cutting / dividing with different tools<ul style="list-style-type: none">⇒ Knife⇒ Cutter⇒ Secateurs⇒ Loppers⇒ Paper Scissors⇒ Cutting machine⇒ Glass cutter⇒ Flex• Stabilizing<ul style="list-style-type: none">⇒ Props⇒ Rails• Protecting<ul style="list-style-type: none">⇒ Unwrapping⇒ Wrapping⇒ Grow⇒ Painting⇒ Lining up (foil)	She/He <ul style="list-style-type: none">• has a sound knowledge of the care of cut flowers:<ul style="list-style-type: none">⇒ remove excess leaves⇒ cutting the flower stems⇒ setting in clean containers with fresh water⇒ cooling.• has in-depth knowledge of preparatory techniques and the necessary tools and materials.• has sound knowledge of the wire.• knows wire properties:<ul style="list-style-type: none">⇒ strength⇒ selection⇒ length.• knows material properties.	She/He <ul style="list-style-type: none">• professionally and structurally implements his skills in cut flower care.• routinely implements preparation techniques.• select the appropriate tools and materials for the techniques.• selects the wire.• prepares the material:<ul style="list-style-type: none">⇒ cut to length⇒ incision⇒ plasters⇒ quality control.• can use the different techniques routinely and quickly.	She/He <ul style="list-style-type: none">• can transfer with the work experience the right care measure on unknown cut flowers.• is competent to organize work processes rationally (to keep working distances short).• organized rational sorting of goods after use (order, sale).• derives unknown materials and situations to be used from known preparation techniques.• solves the unknown experimentally.• can use professional experience to transfer the right techniques to	

<ul style="list-style-type: none"> • Extending the wire <ul style="list-style-type: none"> ⇒ Fork ⇒ Skewer ⇒ Wiring up chain 	<ul style="list-style-type: none"> • knows the uses. 		<p>unknown contexts.</p> <ul style="list-style-type: none"> • selects wire, material and technology to match the workpiece. • knows intermediate options for mixed uses. • introduces less qualified employees.
<p>U3.2 Manufacturing techniques</p> <ul style="list-style-type: none"> • Binding (bouquets, wreath, garland) with various tools / means of design <ul style="list-style-type: none"> ⇒ Tie wire ⇒ Cable ties ⇒ Grape wire ⇒ Rubber rings ⇒ Band ⇒ Bast ⇒ Fast binder • Plugging • Glueing <ul style="list-style-type: none"> ⇒ Hot glue ⇒ Wallpaper glue ⇒ Craft glue • Sticking <ul style="list-style-type: none"> ⇒ Adherence ⇒ Needles 	<p>She/He</p> <ul style="list-style-type: none"> • knows bouquet binding techniques: <ul style="list-style-type: none"> ⇒ parallel ⇒ radial. • knows wreath-binding technique. • knows the technique for binding garlands. • knows the different plug-in techniques: <ul style="list-style-type: none"> ⇒ parallel ⇒ radial with different heights of growth points ⇒ parallel overlapping ⇒ free. 	<p>She/He</p> <ul style="list-style-type: none"> • chooses: <ul style="list-style-type: none"> ⇒ binding tools ⇒ auxiliary material ⇒ material. • binds bouquets. • binds wreaths. • binds garlands. • can be in different techniques. • can plug into various plug-in tools. • creates different glueing processes. 	<p>She/He</p> <ul style="list-style-type: none"> • combines the materials, materials and different binding techniques. • is competent to rationalize work processes. • can use professional experience to transfer the right techniques to unknown contexts. • is able to explain the manufacturing techniques. • depending on the order, is able to select and implement suitable vessels, suitable plug-in aids and suitable technique.

<ul style="list-style-type: none"> ⇒ Nailing ⇒ Tacking ⇒ Toothpick / skewers • Planting • Setting 	<ul style="list-style-type: none"> • knows criteria for the selection of pots. • has sound knowledge of plug-in tools: <ul style="list-style-type: none"> ⇒ floral foam ⇒ natural ⇒ inorganic. • knows different adhesives. • knows various bonding techniques according to the properties of the adhesives. • knows the technique of sticking for wreaths. • knows the different manipulations for the different designs. • has a sound knowledge of plant care. • knows plant communities. • knows climatic zones. • has sound knowledge of the material properties of the planters. • knows the technique of planting: <ul style="list-style-type: none"> ⇒ drainage 	<ul style="list-style-type: none"> • can work out the different designs. • chooses: <ul style="list-style-type: none"> ⇒ pots to the location ⇒ tools ⇒ substrate ⇒ plants ⇒ design element. • plants in pots. • can plant in plants / beds. • can use the profound knowledge of cut flower care in setting. • selects the vases appropriately. • prepares the adjusting water. 	<ul style="list-style-type: none"> • knows which adhesive is suitable for which materials and materials. • by experimenting, before the actual work, she/he can expand his knowledge. • can also apply the technique of sticking to abstract works. • decides according to the material and the design, in which technique is worked. • puts his skills to routine and structured. • combines knowledge with the site conditions: <ul style="list-style-type: none"> ⇒ plant care ⇒ plant knowledge ⇒ material Science ⇒ design theory. • plants tuned to the pot and the plant selection at different heights. • can pass on his knowledge to less qualified employees. • can use the professional experience to transfer the right
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	<ul style="list-style-type: none"> ⇒ pouring edge. • has a sound knowledge of cut flower care. • knows the function of freshness preservatives. • knows hygiene regulations. 		<p>design techniques to unknown contexts.</p> <ul style="list-style-type: none"> • combines different techniques when setting up: <ul style="list-style-type: none"> ⇒ cutting to length ⇒ material preparation ⇒ (leaves, thorns, side shoots) ⇒ sorted creation. • organizes rational sorting of goods after use (order, sale). • can use the professional experience to transfer the right technology to unknown contexts.
U3.3 Design techniques <ul style="list-style-type: none"> • Winding • Threading • Pouring / sprinkling • Braiding • Piling • Knitting • Crocheting • Soldering • Sewing • Weaving • Clamping • Twirling • Noding 	<p>She/He</p> <ul style="list-style-type: none"> • has sound knowledge of design techniques. • has in-depth knowledge of various materials. 	<p>She/He</p> <ul style="list-style-type: none"> • works clean and consistent. • works routinely and structured and solution-oriented. 	<p>She/He</p> <ul style="list-style-type: none"> • can routinely transfer the right design techniques with the right materials and materials to unknown contexts. • is able to reach solutions experimentally.

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Title of the qualification		Florist		U4
EQF level		Level 5 (Manager)		
Unit of learning outcomes		Design		
	KNOWLEDGE	SKILLS	COMPETENCES	
U4.1 Order types <ul style="list-style-type: none">• Symmetry• Asymmetry	She/He <ul style="list-style-type: none">• definitively also defines non-floristic order types.• can represent the theoretical foundations safely.	She/He <ul style="list-style-type: none">• highlights the differences in the workpieces.• can combine in all arrangement types.	She/He <ul style="list-style-type: none">• can compare the symmetry and asymmetry in the effect:<ul style="list-style-type: none">⇒ effect in space⇒ occasion.• safely and routinely defines symmetry and asymmetry.• designed according to the order suitable in the different order types.	
U4.2 Design type <ul style="list-style-type: none">• Decorative• Vegetative• Formal-linear	She/He <ul style="list-style-type: none">• has professional safety to design types and certainly knows the respective criteria.	She/He <ul style="list-style-type: none">• can design in decorative, vegetative and formal-linear style.	She/He <ul style="list-style-type: none">• designs according to the order in the appropriate style.• selects the appropriate materials, pots and materials for the design	

			<p>types.</p> <ul style="list-style-type: none"> • combines a logical order type and arrangement type. • is able to control the professionalism of others and to give advice on the workpieces.
<p>U4.3 Arrangement</p> <ul style="list-style-type: none"> • Arrangement type (line course of the materials) <ul style="list-style-type: none"> ⇒ Radial ⇒ Parallel ⇒ Free • Depth effect and spatiality (arrangement of materials in the workpiece) <ul style="list-style-type: none"> ⇒ Dimension (line, area body) ⇒ Overlap ⇒ Staggering ⇒ Grouping ⇒ Ranking ⇒ Scattering ⇒ Growth point 	<p>She/He</p> <ul style="list-style-type: none"> • knows the lines of the materials. • knows the possibilities to work spatially. 	<p>She/He</p> <ul style="list-style-type: none"> • can apply in the workpieces according to the different criteria of the arrangement. • works clearly and clearly. 	<p>She/He</p> <ul style="list-style-type: none"> • assesses different starting situations and selects appropriate arrangements and uses them appropriately. • is able to select and use the appropriate materials according to the objectives and arrangements. • observes trends and lets them influence the design. • can assess the work and provides technical information on the designs.

<p>U4.4 Form theory - appearance of plants / essential features</p> <ul style="list-style-type: none"> • Basic shapes and their effects (triangle, rectangle, circle) • Shape quality (solid to loose outline) • Constructive and free forms • Forms of movement • Valences • Structure • Texture 	<p>She/He</p> <ul style="list-style-type: none"> • knows the aspects of the theory of forms. • knows the different forms of movement: <ul style="list-style-type: none"> ⇒ aspiring ⇒ unfolding ⇒ swinging ⇒ fragile ⇒ playing ⇒ in stock surface-forming ⇒ collecting ⇒ draining off. • knows the individual appearance of the materials. • knows forms of validity. • knows the term structure in floristry and uses it technically correct. • knows about the different textures: <ul style="list-style-type: none"> ⇒ rough (wooden) ⇒ soft (velvety, wooly, silky, brocaded, leathery) ⇒ smooth / hard (porcelain, glass, metallic). 	<p>She/He</p> <ul style="list-style-type: none"> • uses the terms: <ul style="list-style-type: none"> ⇒ basic form ⇒ outline form ⇒ constructive shape ⇒ free form. • can create workpieces under consideration of the peculiarities of the different basic shapes. • can also assign unknown materials after the appearance of the movement forms. • can assign materials to the forms of movement. • can classify materials into different forms of validity: <ul style="list-style-type: none"> ⇒ great validity ⇒ medium validity ⇒ low validity. • can recognize different structures. • can work with the different structures. • works consciously with textures. 	<p>She/He</p> <ul style="list-style-type: none"> • uses the formal theory related to the basic forms in theoretical preliminary considerations of the design. • combines the sections in such a way that a creatively logical whole emerges. • is aware of the differences in effect and changes the way it works. • assigns the movement forms floristic materials and places this according to the goal in the workpiece. • can assess the work and provides technical information on the designs. • uses the materials according to the forms of validity and thus the values. • can assess the work and provides technical information on the designs.
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			<ul style="list-style-type: none"> • is able to work according to the purpose of the design (loosely structured, according to the material, firm). • can assess the work related to textures and provides technical information on the designs.
U4.5 Proportion <ul style="list-style-type: none"> • 3: 5: 8 • Excessive proportion • Inverse proportions • Wreath proportion 	She/He <ul style="list-style-type: none"> • sees special features in the proportional design. 	She/He <ul style="list-style-type: none"> • combines different proportional design options. 	She/He <ul style="list-style-type: none"> • analyzes possibilities of different proportions and explains them.
U4.6 Color theory <ul style="list-style-type: none"> • Color naming • Color systems • Color contrasts • Color harmonies • Color symbolism • Color effects 	She/He <ul style="list-style-type: none"> • knows the criteria of the remote effect and effects of colors against backgrounds. • surely knows the primary contrasts: <ul style="list-style-type: none"> ⇒ color-in-itself contrast ⇒ color contrast ⇒ complementary contrast ⇒ color-non-color contrast ⇒ amount of contrast ⇒ purity contrast. 	She/He <ul style="list-style-type: none"> • composes workpieces that clearly have a color statement. • combines workpieces that achieve long-distance effect. 	She/He <ul style="list-style-type: none"> • analyzes the long-distance effect and uses the right colors, color amounts and positioning correctly if necessary. • works according to the order in matching color contrasts or harmonies, pay attention to symbolics. • evaluates floristic works according to the color

	<ul style="list-style-type: none"> • certainly knows secondary contrasts: <ul style="list-style-type: none"> ⇒ activity contrast ⇒ hot-cold contrast ⇒ materiality contrast ⇒ brightness contrast. • is safe in dealing with harmonies: <ul style="list-style-type: none"> ⇒ harmonies of small contrasts (harmony, color families, neighborhood colors) ⇒ harmonies of great contrasts (two-tone, three-tone, four-tone) ⇒ harmonies of mixed contrasts. • knows color symbolics. 		composition and highlights and explains peculiarities.
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U4.7 Stylistics	<p>She/He</p> <ul style="list-style-type: none"> • has an extended knowledge of typical architectural styles and their characteristics: <ul style="list-style-type: none"> ⇒ Ancient times (Sumerians, Egyptians, Greeks, Romans) ⇒ Middle Ages (Romanesque, Gothic) ⇒ Modern times (Renaissance, Baroque, Rococo, Classicism, Biedermeier, Art Nouveau, Bauhaus, Modern, Postmodernism). • has in-depth knowledge of suitable flowers. 	<p>She/He</p> <ul style="list-style-type: none"> • can enumerate characteristics and characteristics, explain and assign on the basis of photos or the example. • can work matching flower arrangements in different techniques and designs. • selects suitable material and materials. • selects suitable colors. • transfers the familiar to unknown spaces. 	<p>She/He</p> <ul style="list-style-type: none"> • develops design proposals for room decoration in and on buildings adapted to the architectural style. • is able to respond to changes adequately, to respond to customer requests. • pays attention to structural requirements, statics, monument protection.
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Title of the qualification		Florist		U5
EQF level		Level 5 (Manager)		
Unit of learning outcomes		Thematic floristry		
	KNOWLEDGE	SKILLS	COMPETENCES	
Diverse workpieces on topics: <ul style="list-style-type: none">• Colour• Texture• Seasons• Mood<ul style="list-style-type: none">⇒ Childlike⇒ Cheerful⇒ Elegant⇒ Festive• Style<ul style="list-style-type: none">⇒ Vintage⇒ Scandinavian⇒ Exotic⇒ Rustic• Material properties<ul style="list-style-type: none">⇒ Brittle⇒ Climbing• Symbolism• Events related to topics<ul style="list-style-type: none">⇒ Exhibitions⇒ Fairs• Topics of origin / home of	She/He <ul style="list-style-type: none">• knows material properties, special features and effects.• has theoretical knowledge from different fields.• knows color effects also in connection with textures.• knows different durability of the materials.	She/He <ul style="list-style-type: none">• selects the materials.• select the technique.• can solve different kinds of problems.• works with different techniques.• tries market news, experiment with different techniques and materials.• can assemble the materials according to shelf life.• adapts to innovations.• can apply design rules.	She/He <ul style="list-style-type: none">• selects materials and materials and designs according to the topic:<ul style="list-style-type: none">⇒ bouquets⇒ plug work⇒ packed individual plants⇒ plantations⇒ wreaths⇒ garlands⇒ frieze⇒ modern free forms.• Creates creative or traditional suggestions according to the customer's needs, paying attention to requirements:<ul style="list-style-type: none">⇒ technical⇒ qualitative⇒ aesthetic⇒ functional.	

Plants or materials ⇒ European ⇒ Alpin ⇒ Mediterranean • Scent • Plant Group ⇒ Grasses ⇒ Bog plant ⇒ Wet meadow			<ul style="list-style-type: none"> • combines the knowledge of design with general knowledge. • is able to outline and explain the idea. • develops color concepts. • captures the situation and options and derives holistic designs from them. • derives contemporary floristry, works with trends, is based on different sources. • leads and supports less qualified employees.
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Title of the qualification		Florist		U6
EQF level		Level 5 (Manager)		
Unit of learning outcomes		Event-related floristry		
	KNOWLEDGE	SKILLS	COMPETENCES	
Diverse workpieces for: <ul style="list-style-type: none">• Public and representative events<ul style="list-style-type: none">⇒ Flower arrangements for openings⇒ Inaugurations⇒ State occasions⇒ Anniversaries⇒ Ceremonies⇒ Award ceremonies⇒ Television productions• Family celebrations<ul style="list-style-type: none">⇒ Wedding⇒ Baptism⇒ Mourning⇒ Anniversaries⇒ Birthdays• Floristry for religious festivals / religious holidays<ul style="list-style-type: none">⇒ Easter⇒ Christmas⇒ Baptism	Sie/ er <ul style="list-style-type: none">• knows a variety of materials and materials that can be used.• has knowledge about the rules of distance effect:<ul style="list-style-type: none">⇒ use of color⇒ suitable material selection.• masters design rules.• masters rules that can occur through different locations:<ul style="list-style-type: none">⇒ stability⇒ tipping load⇒ weather influences (wind, rain, sun).• knows rules for work safety.• familiar with the aspects of floristry	Sie/ er <ul style="list-style-type: none">• can choose suitable materials:<ul style="list-style-type: none">⇒ durability⇒ occasion.• can create workpieces in different design types.• works in a logical and efficient technique.• creates sketches.• creates offers.• can create workpieces for family celebrations.• works safely with different techniques:<ul style="list-style-type: none">⇒ fixation	Sie/ er <ul style="list-style-type: none">• is able to select suitable materials and materials, taking into account the contracting person / institution:<ul style="list-style-type: none">⇒ age⇒ phenotype⇒ character⇒ job⇒ corporate colors.• selects appropriate materials according to the occasion:<ul style="list-style-type: none">⇒ festive⇒ modern⇒ representative⇒ customer requirements.• conceives individual work forms according to the order.	

<ul style="list-style-type: none"> ⇒ Thanksgiving ⇒ Pentecost ⇒ Ascension ⇒ Other faiths • Festivals during the year: <ul style="list-style-type: none"> ⇒ Winter festivals (New Year's Eve, Carnival) ⇒ Spring Festival (May Day, Cherry Blossom Festival, Mother's Day, Women's Day) ⇒ Summer festivals (solstice, summer party, children's day) ⇒ Autumn festivals (beginning of the school year, sugar bag festival, kite festival, Halloween) 	<ul style="list-style-type: none"> for family celebrations. • familiar with current trends. • knows a wide assortment of materials and materials as well as accessories underlining the occasion. • knows a variety of design options for weddings: <ul style="list-style-type: none"> ⇒ bridal decoration ⇒ body decorations ⇒ car decorations ⇒ church decoration ⇒ room decoration ⇒ table decoration ⇒ buffet decoration ⇒ decoration for guests. • knows a variety of design options for mourning: <ul style="list-style-type: none"> ⇒ condolence bouquets private or representative ⇒ coffin decoration ⇒ urn decoration ⇒ grave decoration ⇒ church decoration ⇒ gave decorations for the funeral. • knows many aspects of floristry for religious festivals. 	<ul style="list-style-type: none"> ⇒ plug techniques ⇒ binding techniques ⇒ water supply options. • can design in different color harmonies and contrasts. • creates a variety of workpieces for religious festivals. • can work with different colors. • describes background of festivals during the year. • can design a variety of floristic workpieces for celebrations throughout the year: <ul style="list-style-type: none"> ⇒ different techniques ⇒ seasonal offers. • chooses suitable accessories for the occasions that underline this. • presents the idea in a clear sketch. • creates ideas, conceptions and offer. 	<ul style="list-style-type: none"> • reacts and notes special features: <ul style="list-style-type: none"> ⇒ desired durability ⇒ heed the place of use. • is sure in choosing different techniques and chooses a suitable one according to the nature and nature of the materials. • works in consideration of fashion trends. • can plan and organize one's own and lower-skilled work. • is able to test the quality. • develops according to specifications of the client independently design ideas for a variety of workpieces of all festivals: <ul style="list-style-type: none"> ⇒ birth ⇒ back to school ⇒ birthdays ⇒ wedding ⇒ funeral services. • evaluates all the benefits and benefits of possible design ideas, techniques and compilations.
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	<ul style="list-style-type: none"> • knows symbolics. • is safe in dealing with the range of plants and cut flowers that are available throughout the year, as well as the occasion underlining accessories. • knows a variety of design options for Easter: <ul style="list-style-type: none"> ⇒ modern work forms ⇒ egg tree ⇒ tassel tree ⇒ table arrangements. • knows a variety of design options for Christmas: <ul style="list-style-type: none"> ⇒ advent wreaths ⇒ arrangements with and without candles ⇒ symbol floristry ⇒ garlands ⇒ festoons ⇒ free hanging wreaths ⇒ table decoration ⇒ bouquet ⇒ traditional floristry (frieze tree, apple pyramid) ⇒ modern floristic trends (hippeastrum hanged) ⇒ window decorations. 		<ul style="list-style-type: none"> • determines the composition of materials and materials. • applies new techniques according to the order. • takes into account seasonal offers. • draws floral ideas and creates offers. • decides for a suitable selection of decoration options according to the customer information and explains this in the customer discussion. • can adapt the design and technology to the situation in the customer discussion. • is able to carry out all usual working steps from the inquiry to the sale organized and structured. • analyzes the variety of creative possibilities and works out appropriate design ideas according to the client's specifications: <ul style="list-style-type: none"> ⇒ assortment
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	<ul style="list-style-type: none"> • knows applications of floristry at various national festivals. • knows regional and national traditions. • captures the background of fashion trends. • is safe in dealing with the range of plants and cut flowers that are available throughout the year, as well as the occasion underlining accessories. 		<ul style="list-style-type: none"> ⇒ time ⇒ durability ⇒ colour ⇒ technology ⇒ location. • designed for customer orders floristic workpieces designed. • calculates the workpieces. • explains the conceptual ideas based on the drawings. • compiles materials considering the season. • decides on the appropriate technical solution for the materials and purpose. • plans and organizes work processes in logical order. • is interested in news, fashion trends and incorporates them.
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Title of the qualification		Florist		U7
EQF level		Level 5 (Manager)		
Unit of learning outcomes		Room-related floristry		
	KNOWLEDGE	SKILLS	COMPETENCES	
Diverse workpieces as jewelry or decoration: <ul style="list-style-type: none">• Architecturally appropriate floristry• Window decoration• Table decoration with spatial reference• Objects• Event and exhibition design• Shop design	<p>She/He</p> <ul style="list-style-type: none">• knows the different architectural styles:<ul style="list-style-type: none">⇒ ancient times (Sumerians, Egyptians)⇒ ancient (Greek antiquity, Roman antiquity)⇒ middle ages (Romanesque, Gothic)⇒ modern times (Renaissance, Baroque, Rococo, Classicism, Historicism, Biedermeier, Art Nouveau)⇒ modernity (Bauhaus, Modern, Postmodern).• knows a great variety of suitable materials and materials to assemble the architectural specifications.	<p>She/He</p> <ul style="list-style-type: none">• describes the different architectural styles based on characteristics.• describes a variety of decoration options for various events.• chooses plants and accessories with spatial reference.• creates sketches and material lists for offers.• develops calculations for room decoration with modern PC technology.• creates workpieces using a variety of contemporary / modern and proven techniques and designs.	<p>She/He</p> <ul style="list-style-type: none">• recognizes the characteristics of the room style and adapts the decoration.• observes:<ul style="list-style-type: none">⇒ the wishes of the customers⇒ design rules⇒ event⇒ suitable materials and materials for space⇒ requirements of the rooms⇒ placement.• can design and develop modern and traditional pieces of work.• plans and organizes personnel deployment.• independently fulfills the	

	<ul style="list-style-type: none"> • knows historical flower arrangements, which were manufactured in the respective epochs. • knows different types of shop windows: <ul style="list-style-type: none"> ⇒ floor-level sillester ⇒ window-like windows with window sills ⇒ behind closed shop windows ⇒ shop windows open to the shop. • knows the goals of a shop window design: <ul style="list-style-type: none"> ⇒ presentation of the goods ⇒ create customer incentive ⇒ advertising. • knows design rules for advertising windows: <ul style="list-style-type: none"> ⇒ showcase types ⇒ lighting design ⇒ pricing ⇒ construction ⇒ rhythm of optimal transformation periods ⇒ cleanliness ⇒ viewing direction and location ⇒ action at a distance ⇒ color effect. • knows the meaning and necessity 	<ul style="list-style-type: none"> • chooses materials and accessories for decorating the shop windows. • works in appropriate techniques and designs in the development of the decoration. • develops plans and concepts. • designed the advertising windows with information carriers: <ul style="list-style-type: none"> ⇒ steles ⇒ posters ⇒ banners ⇒ objects. • discusses the design proposal with the clients. • describes decoration options for various events. • creates sketches for the ideas. • creates workpieces using various techniques and designs. • develops a plan for different objects. • can apply a variety of techniques. • chooses goods carriers and 	<ul style="list-style-type: none"> customer orders. • can solve occurring problems. • analyzes fashion trends and styles of the shop windows of others, for example fashion shops. • analyzes various advertising topics and selects suitable advertising effective materials. • designed shop windows and pay attention to: <ul style="list-style-type: none"> ⇒ location of the shop window ⇒ focus of the customers ⇒ action at a distance ⇒ durability ⇒ different topics. • is able to plan, calculate and design different table decorations suitable for rooms according to analyzes: <ul style="list-style-type: none"> ⇒ architectural styles ⇒ table forms ⇒ colour ⇒ light ⇒ room sizes ⇒ wind ⇒ sun ⇒ backgrounds.
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	<ul style="list-style-type: none"> of shop window designs. • is safe in dealing with the criteria of the shop window designs. • knows a variety of materials and materials that are suitable for decorations of the shop window. • knows techniques that are suitable for window dressing. • knows table and table shapes. • knows the architectural styles and historical flower arrangements for tables made in the era. • is able to put together suitable materials and materials to the architectural specifications. • knows the interaction between the table size and the floristry. • specifications for the restaurant operation are known: <ul style="list-style-type: none"> ⇒ size of the workpieces ⇒ placing the decoration on the tables ⇒ space requirement of the place settings ⇒ viewing areas 	<ul style="list-style-type: none"> accessories for decoration. • develops a plan for various rooms and flower arrangements. • uses different materials, colors and techniques. • chooses goods carriers and accessories for the decoration of the store design. • develops a plan. • designed the flower shop. • uses different appropriate techniques and designs in the development of the decoration. 	<ul style="list-style-type: none"> • applies a variety of decoration options for various events. • selects materials and accessories with spatial reference. • derives from the spatial conditions: <ul style="list-style-type: none"> ⇒ placements ⇒ business forms ⇒ material selection ⇒ technique. • is interested in trends and fashion trends. • independently processes customer orders, taking into account their wishes and requirements. • routinely recognizes the characteristics of the room style and adjusts the objects. • is characterized by a professional understanding of function, space, style and colors of venues and exhibitions. • analyzes and observes the special spatial conditions and the utility and function of the floral
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	<ul style="list-style-type: none"> ⇒ stability. • knows many ways to use floristry for the decoration of certain places as objects. • knows criteria of floristry for events and exhibitions. • knows many rules of store design: <ul style="list-style-type: none"> ⇒ customer preferences ⇒ customer guidance paths. 		<ul style="list-style-type: none"> decoration: <ul style="list-style-type: none"> ⇒ captivity ⇒ lighting ⇒ presentation height ⇒ movement risks. • conceives and works for various well-known floristic spaces under consideration of the event itself. • is familiar with the design of the flower shop: <ul style="list-style-type: none"> ⇒ captivity ⇒ lighting ⇒ presentation / goods carrier. • hands over information, ideas and solutions for the less skilled workforce, monitors and corrects. • pays attention to regular reorganization and keep time frame.
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Title of the qualification		Florist		U8
EQF level		Level 5 (Manager)		
Unit of learning outcomes		Marketing and sales		
	KNOWLEDGE	SKILLS	COMPETENCES	
U8.1 Customer advice and service	<p>She/He</p> <ul style="list-style-type: none">• knows customer types and corresponding preferences.• knows sales channels:<ul style="list-style-type: none">⇒ phone sale⇒ internet sale⇒ shop sale.• masters sales strategies.• knows additional sales.	<p>She/He</p> <ul style="list-style-type: none">• has a promotional appearance:<ul style="list-style-type: none">⇒ manners⇒ facial expressions⇒ gesture⇒ language.• can advise customers.• can serve customers technically correct.	<p>She/He</p> <ul style="list-style-type: none">• is able to provide customers with comprehensive information and advice.• is able to make offers for inquiries from customers considering the product range and techniques.• works with visualizing sales possibilities:<ul style="list-style-type: none">⇒ sketches⇒ template⇒ example pictures.• responds to the different customer types with appropriate appearance and offers.	

U8.2 Preparation and conclusion of contracts, offers	She/He <ul style="list-style-type: none"> masters the legal bases in trade. 	She/He <ul style="list-style-type: none"> can accept and process customer orders. can issue the following documents: <ul style="list-style-type: none"> ⇒ offer with calculation ⇒ list of materials ⇒ drawing / sketch. 	She/He <ul style="list-style-type: none"> is able to routinely prepare and conclude sales contracts, supplier contracts, etc., and comply with all components: <ul style="list-style-type: none"> ⇒ timeframe ⇒ formalities ⇒ legal bases.
U8.3 Promotion of sales <ul style="list-style-type: none"> Flower shop design Product presentation Marketing actions / promotional measures Use of different advertising platforms Management / means of marketing 	She/He <ul style="list-style-type: none"> masters methods of analysis of market needs. can distinguish and describe information from market needs. knows common marketing measures in floristry: <ul style="list-style-type: none"> ⇒ posters ⇒ stand-up display ⇒ flyer ⇒ goods presentations ⇒ radio and television advertising ⇒ fairs ⇒ printed company paper and logos. knows advertising media. 	She/He <ul style="list-style-type: none"> can introduce changes to the product offering based on market analysis. is able to find information from the market needs. can apply comprehensive sales promotion measures tailored to the shop. is able to use digital and print media. is able to create presentations. 	She/He <ul style="list-style-type: none"> is able to process market analyzes, to prepare and submit an offer. is able to apply various common advertising measures. can control supply according to market demand. is competent to create offers with the use of modern media and analyze the benefits.

	<ul style="list-style-type: none"> • knows ways of selling: <ul style="list-style-type: none"> ⇒ additional sales ⇒ flower arranging via Fleurop. ⇒ corporate business. • knows different media. 		
U8.4 Cooperation in an international context	<p>She/He</p> <ul style="list-style-type: none"> • knows specialist terminology in a foreign language at a professional level. 	<p>She/He</p> <ul style="list-style-type: none"> • is able to present at a professional level in a foreign language. 	<p>She/He</p> <ul style="list-style-type: none"> • is competent to professionally analyze new knowledge and experiences in an international context and to apply and transfer new knowledge.

Title of the qualification		Florist		U9
EQF level		Level 5 (Manager)		
Unit of learning outcomes		Business management		
	KNOWLEDGE	SKILLS	COMPETENCES	
U9.1 Legal bases	She/He <ul style="list-style-type: none">has a secure and comprehensive knowledge of all facets of the country's legal bases with regard to:<ul style="list-style-type: none">⇒ quoting⇒ purchase⇒ sale⇒ distribution⇒ shipping⇒ delivery⇒ billing.	She/He <ul style="list-style-type: none">is able to apply legislation for business creation and small business entities.is able to apply legislation related to workers.is able to apply marketing legislation.	She/He <ul style="list-style-type: none">is able to act in accordance with the legislation in different situations in the specialist shop:<ul style="list-style-type: none">⇒ youth protection law⇒ exchange, withdrawal, reclamation and guarantee⇒ purchase agreements⇒ commercial law⇒ employment Law⇒ tax law⇒ data protection law⇒ unfair competition⇒ shop hours law.	
U9.2 Formation of an enterprise	She/He <ul style="list-style-type: none">knows business concepts and business models.	She/He <ul style="list-style-type: none">can choose a business model.can work out a concept and seek	She/He <ul style="list-style-type: none">decides depending on the environment of the new business situation for suitable	

	<ul style="list-style-type: none"> • knows legal provisions for business start-ups for individual companies. • knows location criteria. • knows financing possibilities. • knows specific tax regulations. • knows personnel regulations. • knows entrepreneurial necessary insurance and their processing options. 	<p>advice.</p> <ul style="list-style-type: none"> • may use general legislation to prepare the documents when starting up a trade. • can a business reasons and sign up. • is able to compare individual insurances and different policies. 	<p>entrepreneurial start-up procedures:</p> <ul style="list-style-type: none"> ⇒ creating a concept ⇒ financing ⇒ advertising concept. <ul style="list-style-type: none"> • is able to weigh and execute all necessary business decisions: <ul style="list-style-type: none"> ⇒ rental contract / purchase contract for business premises ⇒ commercial office ⇒ power supply ⇒ multimedia connections ⇒ personnel matters ⇒ professional association ⇒ insurance. • can competently set up own commercial companies under legislation. • is competent to balance operational risks and to select suitable insurance cover according to various risks and to conclude and update contracts.
U9.3 Forms and principles of business organisation	<p>She/He</p> <ul style="list-style-type: none"> • knows the basics and differences of different company forms. 	<p>She/He</p> <ul style="list-style-type: none"> • can comprehensively explain corporate forms and their differences. 	<p>She/He</p> <ul style="list-style-type: none"> • can weigh the different criteria according to their business idea and choose a company form.

	<ul style="list-style-type: none"> • knows principles for the management of a trading company. 		<ul style="list-style-type: none"> • is competent to manage an own company with or without branch locations.
U9.4 Commercial management <ul style="list-style-type: none"> • Accounting • Bookkeeping • Cash balancing 	She/He <ul style="list-style-type: none"> • knows entrepreneurial behavior. • masters analysis of the documents for calculation and prices. • knows value formation processes. • has knowledge of keeping simple and double-entry bookkeeping. • knows commercial activities in floristry specialist shops. • knows how to handle payment transactions. 	She/He <ul style="list-style-type: none"> • is able to create a calculation and sales price and to modify individual calculation items operatively. • can describe and categorize calculation methods. • is able to use computer billing programs. • can work the bookkeeping itself or perform preparatory activities. • masters all processes and principles of entrepreneurial trade in floristry. • is able to carry out all entrepreneurial business processes: <ul style="list-style-type: none"> ⇒ plan ⇒ execute ⇒ check ⇒ correct. 	She/He <ul style="list-style-type: none"> • is competent to prepare and evaluate preliminary, total and final costing. • is able to select information and documents to change individual items in the calculation. • is competent to book and control bookkeeping transactions as well as to make the accounting conclusion of day-to-day business. • is competent to carry out all activities of commercial control and control and to analyze them accordingly and to react to different influences.

Title of the qualification		Florist		U10
EQF level		Level 5 (Manager)		
Unit of learning outcomes		Human resources management and training		
	KNOWLEDGE	SKILLS	COMPETENCES	
U10.1 Personnel management and conflict management	<p>She/He</p> <ul style="list-style-type: none">• knows the methods of personnel management.• knows methods of employee motivation.• is safe in dealing with the personnel requirements in the different fields of floristry.• knows conflicts with customers, employees and suppliers.• knows different ways to deal with conflicts.	<p>She/He</p> <ul style="list-style-type: none">• can create a personnel plan.• can identify skills and competencies of employees.• hands over tasks to individual employees and the entire team.• can motivate to improve the quality of work and rewards employees' performance.• recruits staff for all areas of specialty business.• settles conflicts.• is able to criticize constructively.• encourages people to solve	<p>She/He</p> <ul style="list-style-type: none">• is able to routinely select, plan and divide personnel according to the needs of the business.• observes the laws, strengths and abilities of employees and aligns these criteria with each other's business needs.• fulfills role model function and promotes social cooperation.• understands the need to resolve conflicts between:<ul style="list-style-type: none">⇒ employees⇒ customer⇒ suppliers⇒ customers and employees.	

		problems without interference from third parties.	
U10.2 Human resource planning	She/He <ul style="list-style-type: none"> • knows the working time laws that apply in the country with respect to: <ul style="list-style-type: none"> ⇒ working hours of employees ⇒ break times ⇒ leave arrangements ⇒ rest periods. 	She/He <ul style="list-style-type: none"> • creates the employee's work schedules for normal day-to-day business and creates schedules over a longer period of time: <ul style="list-style-type: none"> ⇒ annual leave ⇒ cover plan ⇒ parental leave replacement. 	She/He <ul style="list-style-type: none"> • coordinates the working time of employees, depending on the type and amount of work involved. • pays attention to the statutory provisions in personnel planning.
U10.3 Training and development of personnel <ul style="list-style-type: none"> • Identification of training needs of employees • Job description • Creation of a vocational training program • Implementation of education and training 	She/He <ul style="list-style-type: none"> • knows the necessity of the education and training of the employees for the company success. • knows the labor laws. • knows job descriptions. • knows the country's vocational training programs, policies and rules. • knows the relevant vocational training regulations and framework curricula of the country. 	She/He <ul style="list-style-type: none"> • can research opportunities for further education or training. • observes the trade press, expert forums on the Internet, to acquire new knowledge. • collects the work tasks of a job and puts them together in a list. • has basic experience in the training of apprentices. • designs the training plan according to plan and specifications. 	She/He <ul style="list-style-type: none"> • continuously determines the training and further training needs of the small team, coordinates them with the needs of the company and determines appropriate training offers. • motivates the small team to further education. • shows a proactive attitude to the learning process. • prepares the remarks related to the job description and summarizes work tasks and

	<ul style="list-style-type: none"> • knows the usual, simple training methods for vocational training. • has the necessary knowledge to carry out training. 	<ul style="list-style-type: none"> • is able to supervise education and guide trainees. • designed according to plan parts of specialized training and can perform training of various content. 	<p>responsibilities.</p> <ul style="list-style-type: none"> • is able to summarize in-depth subject-specific training contents dissected into a training plan. • understands that modern education of young professionals is necessary. • is able to pass on in-depth, subject-specific, subject-specific training contents to apprentices or less qualified colleagues, explain and control.
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Title of the qualification		Florist		U11
EQF level		Level 5 (Manager)		
Unit of learning outcomes		Quality control / assessment		
	KNOWLEDGE	SKILLS	COMPETENCES	
U11.1 Analysis	She/He <ul style="list-style-type: none">• knows the scope of quality control and its criteria.	She/He <ul style="list-style-type: none">• can perform quality control according to a plan and known criteria.	She/He <ul style="list-style-type: none">• is aware of the importance, necessity and consequences of good quality work.• knows how to control quality and draw conclusions.• can initiate and carry out a correction / improvement.	
U11.2 Consulting	She/He <ul style="list-style-type: none">• has comprehensive knowledge of the differences between personal and professional assessment.• knows ways of controlling the consulting activity.	She/He <ul style="list-style-type: none">• can reflect his advisory activity / service behavior.	She/He <ul style="list-style-type: none">• is able to keep advice quality at a necessary level through controls and behavioral fixes.• can conduct an advisory assessment of employees / colleagues.	

U11.3 Monitoring the quality of work	She/He <ul style="list-style-type: none"> • knows which possibilities of the quality controls can be carried out. • knows exam keys for evaluation. 	She/He <ul style="list-style-type: none"> • can perform checks and ratings. 	She/He <ul style="list-style-type: none"> • is aware of the importance of monitoring the quality of the work of the employees. • conducts regular assessments and introduces corrections in quality and training needs.

Title of the qualification		Florist		U12
EQF level		Level 5 (Manager)		
Unit of learning outcomes		Occupational safety and environmental protection		
	KNOWLEDGE	SKILLS	COMPETENCES	
U12.1 Occupational safety	<p>She/He</p> <ul style="list-style-type: none">• is familiar with health and safety regulations.• knows the rules when working with sharp tools:<ul style="list-style-type: none">⇒ knife⇒ scissors⇒ pliers⇒ saw.• knows the operating instructions of power tools:<ul style="list-style-type: none">⇒ drill⇒ screwdriver⇒ glue gun⇒ hotplate.• knows the health hazard of chemicals used.	<p>She/He</p> <ul style="list-style-type: none">• can explain the rules.• can use the appropriate protective equipment expertly.• checks whether the work of the employees is carried out according to the safety regulations.	<p>She/He</p> <ul style="list-style-type: none">• works according to the safety regulations and health and safety regulations.• is able to explain these rules to others, monitor actions and make corrections.• analyzes alternatives for chemicals and uses them after weighing.	

U12.2 Environmental protection	She/He <ul style="list-style-type: none"> • knows criteria of environmental protection. • knows criteria of species protection. • knows criteria of nature conservation. • knows criteria of water protection. • knows the corresponding legal requirements of the country. 	She/He <ul style="list-style-type: none"> • can act in the sense of nature conservation, environmental protection and species protection. 	She/He <ul style="list-style-type: none"> • is aware of the need for environmental protection. • can explain the recommended actions.
U12.3 Waste prevention and waste disposal	She/He <ul style="list-style-type: none"> • knows ways of avoiding waste. • knows the types of waste and waste regulations. 	She/He <ul style="list-style-type: none"> • separates waste. • can dispose of recyclable waste. 	She/He <ul style="list-style-type: none"> • disposes of and sorts waste in an environmentally friendly way. • analyzes possibilities of waste prevention and reduces waste by reusable packaging, using alternative materials.

U12.4 Energy	She/He <ul style="list-style-type: none"> • knows fossil fuels. • knows ecological energy sources. • knows possibilities of efficient energy use. • knows the principle of the ecological footprint. 	She/He <ul style="list-style-type: none"> • acts responsibly and carefully with energy sources. 	She/He <ul style="list-style-type: none"> • cares carefully in the daily environment with the use of energy and knows alternative sources of energy. • is able to explain to colleagues and apprentices the principles of economical use of energy.
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Title of the qualification		Florist		U1
EQF level		Level 6 (Master)		
Unit of learning outcomes		Work organisation		
	KNOWLEDGE	SKILLS	COMPETENCES	
U1.1 Business organisation - structure of the company areas <ul style="list-style-type: none">• Delivery• Manufacturing• Sale• Warehouse• Stay / social rooms	She/He <ul style="list-style-type: none">• has extensive knowledge of the principles of design:<ul style="list-style-type: none">⇒ operational organization⇒ construction of the areas of operation.• knows the structure and functions of other companies.• knows modern and traditional facilities for the respective functions.	She/He <ul style="list-style-type: none">• confidently surveys the work processes in the company.• assess the purpose of each room.• questions the processes and assesses changes.	She/He <ul style="list-style-type: none">• analyzes the rooms according to the functions and creates logical and ergonomic workplaces:<ul style="list-style-type: none">⇒ workplace conditions⇒ working methods⇒ working methods⇒ working procedures⇒ workplace types.• optimizes processes in the different rooms, including those of the employees efficiently and logically.• chooses optimal offers of the facility according to the purpose of the rooms.• controls and optimizes occupational health and safety.	

			<ul style="list-style-type: none"> • routinely manages, plans and organizes the deployment of employees in the different rooms. • pays attention to traffic issues and parking issues.
U1.2 Scheduling <ul style="list-style-type: none"> • Planning the work process • Schedules related to the work orders: short and long term • Timelines related to employee assignment • Control and evaluate processes 	She/He <ul style="list-style-type: none"> • has extensive knowledge of work organization and processes in-house and knows processes in other companies. 	She/He <ul style="list-style-type: none"> • controls short-term and long-term processes confidently. • evaluates processes. 	She/He <ul style="list-style-type: none"> • can plan, organize, analyze, evaluate and make corrections to the short-term and long-term work processes of the course of business. • plans workflows related to manufacturing and organizes routinely and comprehensively: <ul style="list-style-type: none"> ⇒ manufacturing processes ⇒ material properties. • analyzes and coordinates individual orders and structures the process for the business and the employees and customers based on experience. • analyzes the employee schedules according to the workload and the respective working time (vacation, breaks) in compliance

			with the legal requirements.
U1.3 Logistics <ul style="list-style-type: none"> • Planning • Control • Optimization and implementation of goods, information and personal flows 	She/He <ul style="list-style-type: none"> • knows all the criteria of logistics: <ul style="list-style-type: none"> ⇒ packaging ⇒ security ⇒ transport times ⇒ legal aspects ⇒ storage. 	She/He <ul style="list-style-type: none"> • can handle all logistics aspects or instruct employees. 	She/He <ul style="list-style-type: none"> • is able to routinely plan, handle, instruct and instruct, analyze and correct goods procurement and shipping: <ul style="list-style-type: none"> ⇒ according to the legal regulations ⇒ timely ⇒ environmentally friendly ⇒ efficiently.
U1.4 Organization of the work process - workflows related to manufacturing <ul style="list-style-type: none"> • Goods Procurement / Purchasing • Material properties (flowering time, durability) • Manufacturing processes • Presentation • Sale • Packaging • Logistics • Planning new processes 	She/He <ul style="list-style-type: none"> • knows the possibilities of the industry to procure goods: <ul style="list-style-type: none"> ⇒ pre-order (pre-order at fairs) ⇒ order. • knows all, even special, floristic processes in the production. • knows comprehensive aspects of product presentation and sales. • knows possibilities and sources for researching innovations in the market. 	She/He <ul style="list-style-type: none"> • can explain his/her experiences to others. • controls production and all processes: <ul style="list-style-type: none"> ⇒ merchandise presentation ⇒ sale • scrutinizes processes and pays attention to timely and contemporary implementations. • implements news. 	She/He <ul style="list-style-type: none"> • analyzes according to the business alignment / strategy, inventory, plans, compares offers and goods, orders and orders. • analyzes and initiates a wide variety of subject-related work processes and processes in a structured and logically sorted manner, responds to changes: <ul style="list-style-type: none"> ⇒ materials ⇒ work processes ⇒ blossoming times ⇒ storage times ⇒ durability.

			<ul style="list-style-type: none"> masters comprehensive actions of the work processes and is able to achieve equal qualities with changing parameters: <ul style="list-style-type: none"> ⇒ order taking ⇒ quotations ⇒ complaint report. controls news in legislation and technical changes in the shop floor.
U1.5 Workplace design <ul style="list-style-type: none"> Setup workspace <ul style="list-style-type: none"> ⇒ Provide material and work equipment ⇒ Safety regulations ⇒ Fire protection Ergonomics of the workplace / effective work 	She/He <ul style="list-style-type: none"> has a great deal of experience and overview of setting up workstations. is experienced in the selection of work equipment, materials and work equipment, providing tools and equipment for the respective work processes. is very safe in dealing with ergonomic aspects: <ul style="list-style-type: none"> ⇒ working heights ⇒ water connection ⇒ electricity ⇒ viewing areas ⇒ light / brightness. 	She/He <ul style="list-style-type: none"> supervises the setup of the workplaces. monitors and analyzes the maintenance of materials and equipment. creates ergonomic workplaces. 	She/He <ul style="list-style-type: none"> is able to anticipate the workplace in line with the need for different processes and to oversee the provision of all necessary tools, tools, materials and materials. controls the planning of work equipment and monitors the availability of work equipment and tools. assesses ergonomic aspects to different situations and people and creates corresponding workplace situations.

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Title of the qualification		Florist		U2
EQF level		Level 6 (Master)		
Unit of learning outcomes		Material (vegetable and non-vegetable) and tools		
	KNOWLEDGE		SKILLS	COMPETENCES

<p>U2.1 Botany</p> <ul style="list-style-type: none"> • Structure of the plants <ul style="list-style-type: none"> ⇒ Cell ⇒ Morphology (root, shoot axis, leaves, flowers, fruits) • Life processes in plants <ul style="list-style-type: none"> ⇒ Water balance ⇒ Substance and energy change ⇒ Change of form ⇒ Reproduction ⇒ Physiology - irritability ⇒ Genetics • Plant knowledge <ul style="list-style-type: none"> ⇒ Systematics (structure of the plant kingdom) ⇒ Nomenclature - bot. names ⇒ Horticultural signs • Soil Science <ul style="list-style-type: none"> ⇒ Soils ⇒ Gardening earths ⇒ Substrates • Fertilizer teaching <ul style="list-style-type: none"> ⇒ Nutrition of the plant ⇒ Fertilizers and regulations ⇒ Fertilizer recommendations 	<p>She/He</p> <ul style="list-style-type: none"> • has outstanding knowledge of plants, also related to individual parts and can pass them on. • has extensive knowledge of the structure of plants. • has in-depth knowledge of a very wide range of plant parts. • has in-depth knowledge of life function and life processes of the plants. • knows the plant systematics. • has very comprehensive plant knowledge. • knows the origin of botanical names. • knows a broad spectrum of the types of merchandise. • knows horticultural signs. • knows the differences of soil, soils, substrates. 	<p>She/He</p> <ul style="list-style-type: none"> • is very safe in the functioning of the individual plant parts and the differences in the structure. • comprehensively describes the life processes. • is very confident in dealing with the structure, she explains. • can name a large amount of plants and their parts. • is safe in dealing with botanical names and denominations. • is very familiar in dealing with horticultural signs. • recognizes different soils, substrates and soils. • leads employees, informs customers and monitors compliance with regulations. 	<p>She/He</p> <ul style="list-style-type: none"> • can also in the case of unknown plants from habitus close to the natural sites. • draws conclusions about the care from the habit of plants, or from the incorporation in the plant kingdom and passes on these instructions to customers and employees. • is able to assign functions to all plant parts and explain them to the customer or apprentice. • understands and observes genetic aspects. • concludes from the life processes on necessary care or derives care errors of clinical pictures. • can infer habitus and horticultural signs on plants, incorporation in plant families, properties and care. • assigns the correct trade names and botanical names to a very large number of plants and plant
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	<ul style="list-style-type: none"> • knows extensive aspects of plant nutrition. • knows a wide range of different fertilizers and plant strengthening agents and the composition and modes of action. • knows different application methods. 		<ul style="list-style-type: none"> • parts and defines the properties. • knows some plant names in a foreign language. • explains uses. • chooses the respective substrates according to the plants. • analyzes the effects on yields, plant health and care in the specialist shop in connection with environmental aspects and regulations. • recognizes the relationship between functions of different fertilizers and application methods, retention periods and concentrations.
U2.2 Materials and pots <ul style="list-style-type: none"> • Binding tools • Plug-in auxiliary resources • Wires • Fabrics and ribbons • Candles 	She/He <ul style="list-style-type: none"> • keeps track of the latest trends in the world. • knows a wide variety of crossover materials that have been adopted 	She/He <ul style="list-style-type: none"> • tries current trends, techniques in combination of different materials. • works confidently with the most diverse materials and reacts very 	She/He <ul style="list-style-type: none"> • analyzes the properties of materials and pots, recommendations of employees or suppliers.

<ul style="list-style-type: none"> • Paper • Pots 	from other trades or uses.	safely in handling on special properties.	<ul style="list-style-type: none"> • also selects less well-known materials for specific uses and may justify this: <ul style="list-style-type: none"> ⇒ weatherproof ⇒ degradability ⇒ waterproof ⇒ wire size ⇒ tape features.
U2.3 Care and storage	She/He <ul style="list-style-type: none"> • knows extensive storage methods. • knows how to care for a wide range of materials and materials. 	She/He <ul style="list-style-type: none"> • controls the care and storage of the goods. 	She/He <ul style="list-style-type: none"> • leads with experience the employees in the care and storage of cut flowers, according to: <ul style="list-style-type: none"> ⇒ requirements after the harvest ⇒ depending on the origin. • experiments with new products on the market for care and storage, analyzes the results and draws conclusions. • decides very experienced for storage and explains the care measures: <ul style="list-style-type: none"> ⇒ which materials ⇒ which materials ⇒ in which form ⇒ how long ⇒ in which place ⇒ under which conditions.

			<ul style="list-style-type: none"> assesses the need for storage and decides.
U2.4 Plant protection <ul style="list-style-type: none"> Integrated plant protection Resistances Biological plant protection Vegetable pouring and spraying Chemical plant protection Patterns of damage and causes <ul style="list-style-type: none"> ⇒ Damage caused by culture ⇒ External influences, weather ⇒ Pathogens ⇒ Pests ⇒ Vegetable pests Laws and Regulations Application procedures Protection of species 	She/He <ul style="list-style-type: none"> has extensive knowledge to keep plants healthy and masters the specialist terminology: <ul style="list-style-type: none"> ⇒ dealing with optimal cultures ⇒ integrated pest management ⇒ variety of resistant breedings breeding ⇒ patterns of damage ⇒ causes of damage ⇒ care errors ⇒ laws ⇒ applications. knows the wide range of pesticides on the market and their effects. knows the criteria of species protection concerning the business. 	She/He <ul style="list-style-type: none"> vividly explains the possible types of pest control. explains how different means and possibilities work. applies plant protection measures according to regulations and in compliance with health protection. can explain to the client the types of pest control. explains how different remedies work and recommends the use of beneficial organisms. works with environmentally friendly materials. 	She/He <ul style="list-style-type: none"> selects possible plant protection paths for damage pictures, analyzes the type of control related to the environmental impact and the benefit. controls compliance with regulations in the business, an environmentally friendly disposal of plant protection products, according to the regulations. can recommend to customers and less qualified personnel the optimal means from the market offer. controls and supports less qualified employees in applying the physical, chemical and initiates in mechanical plant protection measures. is very safe in dealing with the technical terms and fulfills his role model function.

U2.5 Use and maintenance of tools	She/He <ul style="list-style-type: none"> • has a very comprehensive knowledge of tools and machines that can be used in the business. 	She/He <ul style="list-style-type: none"> • explains the working methods, safety regulations and can show all manners. 	She/He <ul style="list-style-type: none"> • is able to select and apply the most efficient tool with the right technology for the desired product. • maintains inspection obligations and maintenance obligations and instructs appropriate service providers. • routinely explain and guide the functions and operations of less qualified employees.

Title of the qualification		Florist		U3
EQF level		Level 6 (Master)		
Unit of learning outcomes		Techniques		
	KNOWLEDGE	SKILLS	COMPETENCES	
U3.1 Preparation techniques - primary techniques <ul style="list-style-type: none">• Cutting / dividing with different tools<ul style="list-style-type: none">⇒ Knife⇒ Cutter⇒ Secateurs⇒ Loppers⇒ Paper Scissors⇒ Cutting machine⇒ Glass cutter⇒ Flex• Stabilizing<ul style="list-style-type: none">⇒ Props⇒ Rails• Protecting<ul style="list-style-type: none">⇒ Unwrapping⇒ Wrapping⇒ Grow⇒ Painting⇒ Lining up (foil)	She/He <ul style="list-style-type: none">• masters the specialist terminology confidently and safely.• has a sound knowledge of the care of cut flowers:<ul style="list-style-type: none">⇒ remove excess leaves⇒ cutting the flower stems⇒ setting in clean containers with fresh water⇒ cooling.• has in-depth knowledge of preparatory techniques and the necessary tools and materials.• has sound knowledge of the wire.• knows wire properties:<ul style="list-style-type: none">⇒ strength⇒ selection	She/He <ul style="list-style-type: none">• seeks new techniques and uses new techniques, tools and materials.• professionally and structurally implements his skills in cut flower care.• routinely implements preparation techniques.• select the appropriate tools and materials for the techniques.• selects the wire.• prepares the material:<ul style="list-style-type: none">⇒ cut to length⇒ incision⇒ plasters	She/He <ul style="list-style-type: none">• develops new solutions for preparation techniques in dealing with new situations:<ul style="list-style-type: none">⇒ new machines⇒ new tools⇒ new materials with special properties⇒ more efficiently adapted to customer requirements.• can pass on the knowledge in a structured teaching instruction.	

<ul style="list-style-type: none"> • Extending the wire <ul style="list-style-type: none"> ⇒ Fork ⇒ Skewer ⇒ Wiring up chain 	<ul style="list-style-type: none"> ⇒ length. • knows material properties • knows the uses. 	<ul style="list-style-type: none"> ⇒ quality control. • can use the different techniques routinely and quickly. 	
U3.2 Manufacturing techniques <ul style="list-style-type: none"> • Binding (bouquets, wreath, garland) with various tools / means of design <ul style="list-style-type: none"> ⇒ Tie wire ⇒ Cable ties ⇒ Grape wire ⇒ Rubber rings ⇒ Band ⇒ Bast ⇒ Fast binder • Plugging • Glueing <ul style="list-style-type: none"> ⇒ Hot glue ⇒ Wallpaper glue ⇒ Craft glue • Sticking <ul style="list-style-type: none"> ⇒ Adherence ⇒ Needles ⇒ Nailing ⇒ Tacking ⇒ Toothpick / skewers • Planting • Setting 	She/He <ul style="list-style-type: none"> • has a broad knowledge base. • knows bouquet binding techniques: <ul style="list-style-type: none"> ⇒ parallel ⇒ radial. • knows wreath-binding technique. • knows the technique for binding garlands. • knows the different plug-in techniques: <ul style="list-style-type: none"> ⇒ parallel ⇒ radial with different heights of growth points ⇒ parallel overlapping ⇒ free. • knows criteria for the selection of pots. • has sound knowledge of plug-in 	She/He <ul style="list-style-type: none"> • carries out technical experiments. • uses new techniques, tools and materials. • chooses: <ul style="list-style-type: none"> ⇒ binding tools ⇒ auxiliary material ⇒ material. • binds bouquets. • binds wreaths. • binds garlands. • can be in different techniques. • can plug into various plug-in tools. • creates different glueing processes. • can work out the different designs. 	She/He <ul style="list-style-type: none"> • has knowledge in innovative and traditional production techniques and knows industry-independent production techniques (crossover floristry). • is very secure in dealing with changes and plans all components autonomously and with foresight: <ul style="list-style-type: none"> ⇒ materials ⇒ customer request ⇒ tools and machines.

	<p>tools:</p> <ul style="list-style-type: none"> ⇒ floral foam ⇒ natural ⇒ inorganic. <ul style="list-style-type: none"> • knows different adhesives. • knows various bonding techniques according to the properties of the adhesives. • knows the technique of sticking for wreaths. • knows the different manipulations for the different designs. • has a sound knowledge of plant care. • knows plant communities. • knows climatic zones. • has sound knowledge of the material properties of the planters. • knows the technique of planting: <ul style="list-style-type: none"> ⇒ drainage ⇒ pouring edge. • has a sound knowledge of cut flower care. 	<ul style="list-style-type: none"> • chooses: <ul style="list-style-type: none"> ⇒ pots to the location ⇒ tools ⇒ substrate ⇒ plants ⇒ design element. • plants in pots. • can plant in plants / beds. • can use the profound knowledge of cut flower care in setting. • selects the vases appropriately. • prepares the adjusting water. 	
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	<ul style="list-style-type: none"> • knows the function of freshness preservatives. • knows hygiene regulations. 		
U3.3 Design techniques <ul style="list-style-type: none"> • Winding • Threading • Pouring / sprinkling • Braiding • Piling • Knitting • Crocheting • Soldering • Sewing • Weaving • Clamping • Twirling • Noding 	She/He <ul style="list-style-type: none"> • is familiar with innovative design techniques and knows appropriate working methods (crossover floristry). • has sound knowledge of design techniques. • has in-depth knowledge of various materials. 	She/He <ul style="list-style-type: none"> • works clean and consistent. • works routinely and structured and solution-oriented. 	She/He <ul style="list-style-type: none"> • combines atypical design techniques, tools and materials from other professions with floristry. • analyzes, assesses various non-typical floristic techniques, tests new techniques and develops approaches to solutions, and expands his creative field through functioning new techniques. • can pass on the knowledge in a structured teaching instruction.

Title of the qualification		Florist		U4
EQF level		Level 6 (Master)		
Unit of learning outcomes		Design		
	KNOWLEDGE	SKILLS	COMPETENCES	
U4.1 Order types <ul style="list-style-type: none">• Symmetry• Asymmetry	She/He <ul style="list-style-type: none">• definitively also defines non-floristic order types.• can represent the theoretical foundations safely.	She/He <ul style="list-style-type: none">• highlights the differences in the workpieces.• can combine in all arrangement types.	She/He <ul style="list-style-type: none">• can compare the symmetry and asymmetry in the effect:<ul style="list-style-type: none">⇒ effect in space⇒ occasion.• safely and routinely defines symmetry and asymmetry.• designed according to the order suitable in the different order types.	
U4.2 Design type <ul style="list-style-type: none">• Decorative• Vegetative• Formal-linear	She/He <ul style="list-style-type: none">• has professional safety to design types and certainly knows the respective criteria.	She/He <ul style="list-style-type: none">• can design in decorative, vegetative and formal-linear style.	She/He <ul style="list-style-type: none">• designs according to the order in the appropriate style.• selects the appropriate materials, pots and materials for the design	

			<p>types.</p> <ul style="list-style-type: none"> • combines a logical order type and arrangement type. • is able to control the professionalism of others and to give advice on the workpieces.
U4.3 Arrangement <ul style="list-style-type: none"> • Arrangement type (line course of the materials) <ul style="list-style-type: none"> ⇒ Radial ⇒ Parallel ⇒ Free • Depth effect and spatiality (arrangement of materials in the workpiece) <ul style="list-style-type: none"> ⇒ Dimension (line, area body) ⇒ Overlap ⇒ Staggering ⇒ Grouping ⇒ Ranking ⇒ Scattering ⇒ Growth point 	<p>She/He</p> <ul style="list-style-type: none"> • knows the lines of the materials. • knows the possibilities to work spatially. 	<p>She/He</p> <ul style="list-style-type: none"> • can apply in the workpieces according to the different criteria of the arrangement. • works clearly and clearly. 	<p>She/He</p> <ul style="list-style-type: none"> • assesses different starting situations and selects appropriate arrangements and uses them appropriately. • is able to select and use the appropriate materials according to the objectives and arrangements. • observes trends and lets them influence the design. • can assess the work and provides technical information on the designs.
U4.4 Form theory - appearance of plants / essential features	<p>She/He</p> <ul style="list-style-type: none"> • knows the aspects of the theory of 	<p>She/He</p> <ul style="list-style-type: none"> • uses the terms: 	<p>She/He</p> <ul style="list-style-type: none"> • uses the formal theory related to

<ul style="list-style-type: none"> • Basic shapes and their effects (triangle, rectangle, circle) • Shape quality (solid to loose outline) • Constructive and free forms • Forms of movement • Valences • Structure • Texture 	<p>forms.</p> <ul style="list-style-type: none"> • knows the different forms of movement: <ul style="list-style-type: none"> ⇒ aspiring ⇒ unfolding ⇒ swinging ⇒ fragile ⇒ playing ⇒ in stock surface-forming ⇒ collecting ⇒ draining off. • knows the individual appearance of the materials. • knows forms of validity. • knows the term structure in floristry and uses it technically correct. • knows about the different textures: <ul style="list-style-type: none"> ⇒ rough (wooden) ⇒ soft (velvety, wooly, silky, brocaded, leathery) ⇒ smooth / hard (porcelain, glass, metallic). 	<ul style="list-style-type: none"> ⇒ basic form ⇒ outline form ⇒ constructive shape ⇒ free form. • can create workpieces under consideration of the peculiarities of the different basic shapes. • can also assign unknown materials after the appearance of the movement forms. • can assign materials to the forms of movement. • can classify materials into different forms of validity: <ul style="list-style-type: none"> ⇒ great validity ⇒ medium validity ⇒ low validity. • can recognize different structures. • can work with the different structures. • works consciously with textures. 	<p>the basic forms in theoretical preliminary considerations of the design.</p> <ul style="list-style-type: none"> • combines the sections in such a way that a creatively logical whole emerges. • is aware of the differences in effect and changes the way it works. • assigns the movement forms floristic materials and places this according to the goal in the workpiece. • can assess the work and provides technical information on the designs. • uses the materials according to the forms of validity and thus the values. • can assess the work and provides technical information on the designs. • is able to work according to the purpose of the design (loosely structured, according to the material, firm).
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			<ul style="list-style-type: none"> • can assess the work related to textures and provides technical information on the designs.
U4.5 Proportion <ul style="list-style-type: none"> • 3: 5: 8 • Excessive proportion • Inverse proportions • Wreath proportion 	She/He <ul style="list-style-type: none"> • sees special features in the proportional design. 	She/He <ul style="list-style-type: none"> • combines different proportional design options. 	She/He <ul style="list-style-type: none"> • analyzes possibilities of different proportions and explains them.
U4.6 Color theory <ul style="list-style-type: none"> • Color naming • Color systems • Color contrasts • Color harmonies • Color symbolism • Color effects 	She/He <ul style="list-style-type: none"> • knows the criteria of the remote effect and effects of colors against backgrounds. • surely knows the primary contrasts: <ul style="list-style-type: none"> ⇒ color-in-itself contrast ⇒ color contrast ⇒ complementary contrast ⇒ color-non-color contrast ⇒ amount of contrast ⇒ purity contrast. • certainly knows secondary contrasts: <ul style="list-style-type: none"> ⇒ activity contrast ⇒ hot-cold contrast ⇒ materiality contrast 	She/He <ul style="list-style-type: none"> • composes workpieces that clearly have a color statement. • combines workpieces that achieve long-distance effect. 	She/He <ul style="list-style-type: none"> • analyzes the long-distance effect and uses the right colors, color amounts and positioning correctly if necessary. • works according to the order in matching color contrasts or harmonies, pay attention to symbolics. • evaluates floristic works according to the color composition and highlights and explains peculiarities.

	<ul style="list-style-type: none"> ⇒ brightness contrast. • is safe in dealing with harmonies: <ul style="list-style-type: none"> ⇒ harmonies of small contrasts (harmony, color families, neighborhood colors) ⇒ harmonies of great contrasts (two-tone, three-tone, four-tone) ⇒ harmonies of mixed contrasts. • knows color symbolics. 		
U4.7 Stylistics	<p>She/He</p> <ul style="list-style-type: none"> • has an extended knowledge of typical architectural styles and their characteristics: <ul style="list-style-type: none"> ⇒ Ancient times (Sumerians, Egyptians, Greeks, Romans) ⇒ Middle Ages (Romanesque, Gothic) ⇒ Modern times (Renaissance, Baroque, Rococo, Classicism, Biedermeier, Art Nouveau, Bauhaus, Modern, Postmodernism). • has in-depth knowledge of suitable flowers. 	<p>She/He</p> <ul style="list-style-type: none"> • can enumerate characteristics and characteristics, explain and assign on the basis of photos or the example. • can work matching flower arrangements in different techniques and designs. • selects suitable material and materials. • selects suitable colors. • transfers the familiar to unknown spaces. 	<p>She/He</p> <ul style="list-style-type: none"> • develops design proposals for room decoration in and on buildings adapted to the architectural style. • is able to respond to changes adequately, to respond to customer requests. • pays attention to structural requirements, statics, monument protection.

Title of the qualification		Florist		U5
EQF level		Level 6 (Master)		
Unit of learning outcomes		Thematic floristry		
	KNOWLEDGE	SKILLS	COMPETENCES	
Diverse workpieces on topics: <ul style="list-style-type: none">• Colour• Texture• Seasons• Mood<ul style="list-style-type: none">⇒ Childlike⇒ Cheerful⇒ Elegant⇒ Festive• Style<ul style="list-style-type: none">⇒ Vintage⇒ Scandinavian⇒ Exotic⇒ Rustic• Material properties<ul style="list-style-type: none">⇒ Brittle⇒ Climbing• Symbolism• Events related to topics<ul style="list-style-type: none">⇒ Exhibitions⇒ Fairs• Topics of origin / home of	She/He <ul style="list-style-type: none">• is very familiar with a very large number of typical aspects of floristry with a theme reference.• knows material properties, special features and effects.• has theoretical knowledge from different fields.• knows color effects also in connection with textures.• knows different durability of the materials.	She/He <ul style="list-style-type: none">• works very familiar with the techniques and designs in floristry.• selects the materials.• select the technique.• can solve different kinds of problems.• works with different techniques.• tries market news, experiment with different techniques and materials.• can assemble the materials according to shelf life.• adapts to innovations.	She/He <ul style="list-style-type: none">• develops a variety of solutions, adapted to different standards, and to changing requirements.• plans complex activities, analyzes the results, takes responsibility for the quality.• provides information, ideas and solutions for the less skilled workforce.	

Plants or materials ⇒ European ⇒ Alpin ⇒ Mediterranean • Scent • Plant Group ⇒ Grasses ⇒ Bog plant ⇒ Wet meadow		• can apply design rules.	
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Title of the qualification		Florist		U6
EQF level		Level 6 (Master)		
Unit of learning outcomes		Event-related floristry		
	KNOWLEDGE	SKILLS	COMPETENCES	
Diverse workpieces for: <ul style="list-style-type: none">• Public and representative events<ul style="list-style-type: none">⇒ Flower arrangements for openings⇒ Inaugurations⇒ State occasions⇒ Anniversaries⇒ Ceremonies⇒ Award ceremonies⇒ Television productions• Family celebrations<ul style="list-style-type: none">⇒ Wedding⇒ Baptism⇒ Mourning⇒ Anniversaries⇒ Birthdays• Floristry for religious festivals / religious holidays<ul style="list-style-type: none">⇒ Easter⇒ Christmas⇒ Baptism	She/He <ul style="list-style-type: none">• is very familiar with a very large number of typical aspects of floristry for public events.• is very familiar with a very large number of typical aspects of family celebration floristry.• knows many aspects of floristry for religious festivals.• knows a lot of symbolics.• knows a great variety of typical floristic design possibilities.	She/He <ul style="list-style-type: none">• works very safely with the techniques and designs in floristry.• can choose suitable materials:<ul style="list-style-type: none">⇒ durability⇒ occasion.• can create workpieces in different design types.• works in a logical and efficient technique.• creates sketches.• creates offers.• can create workpieces for family celebrations.	She/He <ul style="list-style-type: none">• develops a wide range of solutions for public events, adapted to different standards and to changing requirements.• plans and designs complex activities and offers, analyzes the results, takes responsibility for the quality.• analyzes, designs and develops individual work forms according to the client's wishes for a variety of family celebrations in accordance with the complex requirements.• considers the wishes of the customers during the customer discussion, formulates and justifies	

<ul style="list-style-type: none"> ⇒ Thanksgiving ⇒ Pentecost ⇒ Ascension ⇒ Other faiths • Festivals during the year: <ul style="list-style-type: none"> ⇒ Winter festivals (New Year's Eve, Carnival) ⇒ Spring Festival (May Day, Cherry Blossom Festival, Mother's Day, Women's Day) ⇒ Summer festivals (solstice, summer party, children's day) ⇒ Autumn festivals (beginning of the school year, sugar bag festival, kite festival, Halloween) 		<ul style="list-style-type: none"> • works safely with different techniques: <ul style="list-style-type: none"> ⇒ fixation ⇒ plug techniques ⇒ binding techniques ⇒ water supply options. • can design in different color harmonies and contrasts. • creates a variety of workpieces for religious festivals. • can work with different colors. • describes background of festivals during the year. • can design a variety of floristic workpieces for celebrations throughout the year: <ul style="list-style-type: none"> ⇒ different techniques ⇒ seasonal offers. • chooses suitable accessories for the occasions that underline this. • presents the idea in a clear sketch. • creates ideas, conceptions and offer. 	<p>the offer.</p> <ul style="list-style-type: none"> • takes responsibility for the quality. • recognizes cultural standards of the clients and can take these into account. • creates, conceives, and plans complex offers for orders of individual faith in all matters with great experience in a very wide range of possibilities according to specifications of the client the right design ideas matched to and explains in conversation with different visual means: <ul style="list-style-type: none"> ⇒ assortment ⇒ time ⇒ durability ⇒ colour ⇒ technique ⇒ location. • evaluates the reactions of the customers and can respond to changing circumstances accordingly.
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Title of the qualification		Florist		U7
EQF level		Level 6 (Master)		
Unit of learning outcomes		Room-related floristry		
	KNOWLEDGE	SKILLS	COMPETENCES	
Diverse workpieces as jewelry or decoration: <ul style="list-style-type: none">• Architecturally appropriate floristry• Window decoration• Table decoration with spatial reference• Objects• Event and exhibition design• Shop design	She/He <ul style="list-style-type: none">• has a critical understanding of transitions from one epoch to the next.• can break styles at interfaces to fashion, art, etc.• knows different kinds of the shop windows.• knows the architectural styles and historical flower arrangements.• knows a lot of ways to use floristry for the decoration of certain places as objects.• knows a lot of possibilities for event and exhibition floristry.	She/He <ul style="list-style-type: none">• works very safely with the techniques and designs in floristry.• describes the different architectural styles based on characteristics.• describes a variety of decoration options for various events.• chooses plants and accessories with spatial reference.• creates sketches and material lists for offers.• develops calculations for room decoration with modern PC technology.	She/He <ul style="list-style-type: none">• analyzes rooms, compares European architectural styles with worldwide developments.• develops design proposals and concepts for:<ul style="list-style-type: none">⇒ inside rooms⇒ outdoor spaces⇒ table decorations.• visualizes and calculates the design proposals and explains them.• plans complex activities, monitors, analyzes the results, takes responsibility for the quality.• creates workpieces using a wide range of techniques, materials	

	<ul style="list-style-type: none"> • knows all necessary conditions for events. • knows all the criteria of the store design. 	<ul style="list-style-type: none"> • creates workpieces using a variety of contemporary / modern and proven techniques and designs. • chooses materials and accessories for decorating the shop windows. • works in appropriate techniques and designs in the development of the decoration. • develops plans and concepts. • designed the advertising windows with information carriers: <ul style="list-style-type: none"> ⇒ steles ⇒ posters ⇒ banners ⇒ objects. • discusses the design proposal with the clients. • describes decoration options for various events. • creates sketches for the ideas. • creates workpieces using various techniques and designs. • develops a plan for different objects. 	<ul style="list-style-type: none"> and materials. • extends the knowledge of the current style epochs with country-specific features. • uses modern visualizations for representations. • is familiar with the goals of a shop window design. • analyzes various advertising themes for the specialist shop or for customer orders and designs complete advertising effective shop windows. • is responsible for the shop window design of the business and leads the employees. • is able to design and calculate table decorations suitable for rooms according to analyzes, to design and explain them according to the complex wishes of the client, to adapt and to organize the production. • analyzes routine spatial conditions: <ul style="list-style-type: none"> ⇒ placements
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		<ul style="list-style-type: none"> • can apply a variety of techniques. • chooses goods carriers and accessories for decoration. • develops a plan for various rooms and flower arrangements. • uses different materials, colors and techniques. • chooses goods carriers and accessories for the decoration of the store design. • develops a plan. • designed the flower shop. • uses different appropriate techniques and designs in the development of the decoration. 	<ul style="list-style-type: none"> ⇒ structural specifications ⇒ material selection ⇒ material selection ⇒ technique. • designed for customer orders, exhibitions in consideration of the wishes and requirements. • is characterized by a very high professional understanding of event and exhibition floristry. • analyzes routinely the special spatial conditions and the purpose of the floral decoration: <ul style="list-style-type: none"> ⇒ captivity ⇒ lighting ⇒ presentation height ⇒ movement risks ⇒ theme. • designs complex and creates workpieces using a wide range of techniques, materials and materials in consideration of the event itself. • is responsible for store design and arranges holistic flower shops according to all professional aspects.
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			<ul style="list-style-type: none"> • leads the employees. • involves innovations in the market.
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Title of the qualification		Florist		U8
EQF level		Level 6 (Master)		
Unit of learning outcomes		Marketing and sales		
	KNOWLEDGE	SKILLS	COMPETENCES	
U8.1 Customer advice and service	She/He <ul style="list-style-type: none">• knows all customer types and corresponding preferences.• knows all sales channels:<ul style="list-style-type: none">⇒ phone sales⇒ internet sales⇒ poin of sale.	She/He <ul style="list-style-type: none">• is able to pass on knowledge and knowledge to others.• has a very exemplary and sales-promoting appearance.	She/He <ul style="list-style-type: none">• can assess customer groups and needs, possible order and sales figures and select and operate an appropriate business model.• is responsible for the assortment designs tailored to the customers and the business concept.• masters comprehensive sales strategies and additional sales.	

U8.2 Preparation and conclusion of contracts, offers	She/He <ul style="list-style-type: none"> masters the legal bases in trade. 	She/He <ul style="list-style-type: none"> can create the following documents: <ul style="list-style-type: none"> ⇒ offer with calculation ⇒ internal calculation ⇒ recalculation ⇒ drawing ⇒ sketch ⇒ list of materials ⇒ purchase contract ⇒ rental contract ⇒ license agreement. 	She/He <ul style="list-style-type: none"> masters country-specific commercial law regulations in a broad context. creates technically correct offers and contracts. is competent to create offers with modern graphics and computer programs.
U8.3 Promotion of sales <ul style="list-style-type: none"> Flower shop design Product presentation Marketing actions / promotional measures Use of different advertising platforms Management / means of marketing 	She/He <ul style="list-style-type: none"> has very extensive knowledge of location and equipment options of specialty stores. knows cross-marketing measures. knows all marketing measures in floristry: <ul style="list-style-type: none"> ⇒ posters ⇒ stand-up display ⇒ flyer ⇒ goods presentations ⇒ radio and television advertising ⇒ fairs ⇒ printed company paper and 	She/He <ul style="list-style-type: none"> can introduce changes to the product offering based on market analysis. is able to find information from the market needs. can apply comprehensive sales promotion measures tailored to the shop. is able to use digital and print media. is able to create presentations. 	She/He <ul style="list-style-type: none"> is able to develop and evaluate a marketing concept (marketing goals, marketing strategy) for the market launch. is able to justify the potential applications of market-based marketing tools for sales and procurement of products and services. creates optimal product presentations and shop designs taking into account the effect of the backgrounds / surfaces.

	<p>logos.</p> <ul style="list-style-type: none"> • knows different advertising platforms. 		<ul style="list-style-type: none"> • overview of areas and instruments of marketing and explains commonalities or differences in marketing with regard to procurement and sales markets. • determines the consequences of sales market policy decisions and justifies the decisions for a marketing mix. • can control supply according to market demand.
U8.4 Cooperation in an international context	<p>She/He</p> <ul style="list-style-type: none"> • knows specialist terminology in at least one foreign language at a professional level. 	<p>She/He</p> <ul style="list-style-type: none"> • is able to present at a professional level in at least one foreign language. 	<p>She/He</p> <ul style="list-style-type: none"> • is competent to professionally analyze new knowledge and experiences in an international context and to apply and transfer new knowledge.

Title of the qualification		Florist		U9
EQF level		Level 6 (Master)		
Unit of learning outcomes		Business management		
	KNOWLEDGE	SKILLS	COMPETENCES	
U9.1 Legal bases	<p>She/He</p> <ul style="list-style-type: none">• knows basic provisions on the division of the legal system (private and public law, contract law, property law, tax law, foundation-relevant legislation).• confidently and comprehensively masters all facets of the relevant legal bases of the country.	<p>She/He</p> <ul style="list-style-type: none">• applies legislation for business creation and business entities.• is able to apply legislation related to workers.• is able to apply marketing legislation.	<p>She/He</p> <ul style="list-style-type: none">• is able to act in accordance with the legislation in different situations in the specialist shop:<ul style="list-style-type: none">⇒ youth protection law⇒ exchange, withdrawal, reclamation and guarantee⇒ purchase agreements⇒ commercial law⇒ employment Law⇒ tax law⇒ data protection law⇒ unfair competition⇒ shop hours law.	

U9.2 Formation of an enterprise	<p>She/He</p> <ul style="list-style-type: none"> • knows business concepts and business models. • knows legal provisions for business start-ups for individual companies. • knows location criteria. • knows financing possibilities. • knows specific tax regulations. • knows personnel regulations. • knows entrepreneurial necessary insurance and their processing options. 	<p>She/He</p> <ul style="list-style-type: none"> • can choose a business model. • can work out a concept and seek advice. • may use general legislation to prepare the documents when starting up a trade. • can a business reasons and sign up. • is able to compare individual insurances and different policies. 	<p>She/He</p> <ul style="list-style-type: none"> • decides depending on the environment of the new business situation for suitable entrepreneurial start-up procedures: <ul style="list-style-type: none"> ⇒ creating a concept ⇒ financing ⇒ advertising concept. • is able to weigh and execute all necessary business decisions: <ul style="list-style-type: none"> ⇒ rental contract / purchase contract for business premises ⇒ commercial office ⇒ power supply ⇒ multimedia connections ⇒ personnel matters ⇒ professional association ⇒ insurance. • can competently set up own commercial companies under legislation. • is competent to balance operational risks and to select suitable insurance cover according to various risks and to conclude and update contracts.
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U9.3 Forms and principles of business organisation	She/He <ul style="list-style-type: none"> • knows the characteristics of the different legal forms (eg capital, partnerships) and knows the criteria of choice of legal form. • has extensive knowledge of running a trading company. • knows the procedure and costs of legal proceedings (especially reminder and enforcement). 	She/He <ul style="list-style-type: none"> • can comprehensively explain corporate forms and their differences. 	She/He <ul style="list-style-type: none"> • is able to incorporate provisions of labor and social security law into its corporate strategy. • is able to evaluate a shareholder agreement. • can weigh the different criteria according to their business idea and choose a company form. • is competent to manage an own company with or without branch locations.
U9.4 Commercial management <ul style="list-style-type: none"> • Accounting • Bookkeeping • Cash balancing 	She/He <ul style="list-style-type: none"> • knows entrepreneurial behavior. • masters analysis of the documents for calculation and prices. • knows value formation processes. • has knowledge of keeping simple and double-entry bookkeeping. • knows commercial activities in floristry specialist shops. 	She/He <ul style="list-style-type: none"> • is able to create a calculation and sales price and to modify individual calculation items operatively. • can describe and categorize calculation methods. • is able to use computer billing programs. • can work the bookkeeping itself or perform preparatory activities. 	She/He <ul style="list-style-type: none"> • masters the analysis of the documents for costing and prices confidently, decides operationally and modified (mixed costing). • controls entrepreneurial behavior, understands value-formation processes and applies them in everyday life. • is able to categorize calculation

	<ul style="list-style-type: none"> • knows how to handle payment transactions. 	<ul style="list-style-type: none"> • masters all processes and principles of entrepreneurial trade in floristry. • is able to carry out all entrepreneurial business processes: <ul style="list-style-type: none"> ⇒ plan ⇒ execute ⇒ check ⇒ correct. 	<p>methods.</p> <ul style="list-style-type: none"> • is competent to prepare and evaluate preliminary, total and final costing. • is able to present tools to enforce claims and justify its use. • can assess risks of payment defaults and provide options for monitoring incoming payments. • weighs up action to enforce claims and accelerate payments. • is competent to fulfill management and control methods in the company.
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Title of the qualification		Florist		U10
EQF level		Level 6 (Master)		
Unit of learning outcomes		Human resources management and training		
	KNOWLEDGE	SKILLS	COMPETENCES	
U10.1 Personnel management and conflict management	<p>She/He</p> <ul style="list-style-type: none">• knows the methods of personnel management.• knows methods of employee motivation.• is safe in dealing with the personnel requirements in the different fields of floristry.• knows conflicts with customers, employees and suppliers.• knows different ways to deal with conflicts.	<p>She/He</p> <ul style="list-style-type: none">• can reward employees depending on work performance.• can evaluate the efficiency and commitment of employees.• monitors the classification and working methods of the employees.• leads the team in the store or in several branches.• is able to handle conflicts, detects conflicts between employees and can resolve conflicts.• able to plan staff so as to avoid conflict situations.	<p>She/He</p> <ul style="list-style-type: none">• can assess the skills and level of employees and assign tasks accordingly.• takes into account relevant regulations on collective bargaining, co-determination and occupational safety in the contract and work organization.• is able to research and assess payroll tax classes, the form of payment of income tax and liability of the employer as well as possibilities of benefits and reimbursement of expenses.• is able to validate and terminate employment relationships.	

			<ul style="list-style-type: none"> • can explain suggestions for adjustments to the organizational design of business processes. • fulfills role model function and promotes social cooperation. • understands the need to resolve conflicts between: <ul style="list-style-type: none"> ⇒ employees ⇒ customer ⇒ suppliers ⇒ customers and employees.
U10.2 Human resource planning	She/He <ul style="list-style-type: none"> • knows all relevant labor laws in force in the country. 	She/He <ul style="list-style-type: none"> • controls personnel deployment plans legally secure. • corrects personnel plans. • aligns the planning with the job descriptions. • formulates goals and tasks for the staff. 	She/He <ul style="list-style-type: none"> • is able to identify and plan the staffing needs of the business and apply various methods of recruitment, motivation and selection. • is able to analyze basic elements of the social insurance system with regard to company-related duties and options and to take into account regulations on compulsory insurance, contribution, benefits and reporting regulations. • controls personnel planning in the

			<p>short, medium and long term, taking into account:</p> <ul style="list-style-type: none"> ⇒ existing labor law ⇒ situation at the labor and training market ⇒ liquidity of the business ⇒ personnel ratios ⇒ planning / goals of the company ⇒ internal and external factors. <ul style="list-style-type: none"> • is able to advertise vacancies, conduct recruitment and interviewing, and hire staff. • manages the estimation of the personnel requirement on the basis of the evaluations of the past fiscal years or comparative figures of similar companies.
U10.3 Training and development of personnel <ul style="list-style-type: none"> • Identification of training needs of employees • Job description • Creation of a vocational training program • Implementation of education and training 	<p>She/He</p> <ul style="list-style-type: none"> • has extensive knowledge of the need for education and training. • knows how the training needs of employees are determined. • knows the labor laws. • knows the contents of job 	<p>She/He</p> <ul style="list-style-type: none"> • can identify and select ways and means of acquiring knowledge. • supervises the implementation of the training in the company or the company-owned teaching group. • can analyze real education and training needs. 	<p>She/He</p> <ul style="list-style-type: none"> • prioritizes training needs, aligned with business goals. • is able to anticipate future training needs. • adjusts the job to the needs of the company, carry out regular checks and adjustments.

	<p>descriptions.</p> <ul style="list-style-type: none"> • knows the structure and content of training plans. • has the necessary knowledge to carry out education and training. • has pedagogical skills. • has extensive knowledge of the training organization. • know how detailed the level of education is to describe. 	<ul style="list-style-type: none"> • can create organizational charts and job descriptions. • explains job descriptions to the respective employees. • can pass on all necessary floristic knowledge to trainees in a structured and didactically valuable teaching instruction. • plans and monitors the education budget. 	<ul style="list-style-type: none"> • is aware of the importance of planning training and qualification. • is able to develop education and training plans for florists and implements educational goals. • is able to assess the impact of the planned training and its effectiveness. • plans and organizes the training and executes the training pedagogically and didactically correct or hands over the assignment to trainers. • assesses the level of training and initiates corrections. • acts as a role model for the trainees and trainers.
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Title of the qualification		Florist		U11
EQF level		Level 6 (Master)		
Unit of learning outcomes		Quality control / assessment		
	KNOWLEDGE	SKILLS	COMPETENCES	
U11.1 Analysis	She/He <ul style="list-style-type: none">• knows the scope of quality control and its criteria.	She/He <ul style="list-style-type: none">• can judge the quality and performance.	She/He <ul style="list-style-type: none">• is aware of the importance of quality of work for business success.• is aware of the need to carry out controls in the company and to evaluate the quality of the work of each employee.• carries out the analysis of the quality of the company in all matters and can evaluate and evaluate them.	
U11.2 Consulting	She/He <ul style="list-style-type: none">• has comprehensive knowledge of the differences between personal and professional assessment.	She/He <ul style="list-style-type: none">• can reflect his advisory activity / service behavior.	She/He <ul style="list-style-type: none">• is able to keep advice quality at a necessary level through controls and behavioral fixes.	

	<ul style="list-style-type: none"> • knows ways of controlling the consulting activity. 		<ul style="list-style-type: none"> • can conduct an advisory assessment of employees / colleagues.
U11.3 Monitoring the quality of work	She/He <ul style="list-style-type: none"> • knows norms and rules of quality standards. • knows internal regulations. 	She/He <ul style="list-style-type: none"> • creates and analyzes control plans and logs. 	She/He <ul style="list-style-type: none"> • is able to monitor compliance with operating procedures and internal regulations. • is aware of the importance of monitoring the quality of the work of the employees. • conducts regular assessments and introduces corrections in quality and training needs.

Title of the qualification		Florist		U12
EQF level		Level 6 (Master)		
Unit of learning outcomes		Occupational safety and environmental protection		
	KNOWLEDGE	SKILLS	COMPETENCES	
U12.1 Occupational safety	<p>She/He</p> <ul style="list-style-type: none">• is familiar with health and safety regulations.• knows the rules when working with sharp tools:<ul style="list-style-type: none">⇒ knife⇒ scissors⇒ pliers⇒ saw.• knows the operating instructions of power tools:<ul style="list-style-type: none">⇒ drill⇒ screwdriver⇒ glue gun⇒ hotplate.• knows the health hazard of chemicals used.	<p>She/He</p> <ul style="list-style-type: none">• can safely work according to the safety regulations.• uses and recommends proper protective equipment.• controls compliance with safety regulations.	<p>She/He</p> <ul style="list-style-type: none">• controls the maintenance of the tools / machines according to the legal requirements.• directs the teachings according to the specifications.• works exemplary and prudently with all dangerous tools, machinery and chemicals, considering the dangers in the workplace and instructs other employees to avoid dangers.• regularly researches new technical solutions to improve quality and safety.	

U12.2 Environmental protection	She/He <ul style="list-style-type: none"> • knows criteria of environmental protection. • knows criteria of species protection. • knows criteria of nature conservation. • knows criteria of water protection. • knows the corresponding legal requirements of the country. 	She/He <ul style="list-style-type: none"> • can act in the sense of nature conservation, environmental protection and species protection. 	She/He <ul style="list-style-type: none"> • is aware of the need for environmental protection, controls, evaluates and corrects its own actions and that of its employees. • researches environmentally friendly suppliers and products.
U12.3 Waste prevention and waste disposal	She/He <ul style="list-style-type: none"> • knows ways of avoiding waste. • knows the types of waste and waste regulations. 	She/He <ul style="list-style-type: none"> • separates waste. • can dispose of recyclable waste. 	She/He <ul style="list-style-type: none"> • is responsible for the waste situation of the company, acts exemplary and disposes of and sorts waste in an environmentally friendly way. • researches ways of avoiding waste and reduces waste through reusable packaging, using alternative materials and is open to new ideas. • is aware of the role model

			function and acts accordingly.
U12.4 Energy	<p>She/He</p> <ul style="list-style-type: none"> • has extensive knowledge of fossil fuels. • has extensive knowledge of ecological energy sources. • has extensive knowledge of the possibilities of efficient energy use. • has extensive knowledge of the term ecological footprint. 	<p>She/He</p> <ul style="list-style-type: none"> • acts responsibly and carefully with energy sources. 	<p>She/He</p> <ul style="list-style-type: none"> • cares carefully in the daily environment with the use of energy and knows alternative sources of energy. • is able to explain to colleagues and apprentices the principles of economical use of energy.

The Netherlands:



CERTIFICATE SUPPLEMENT (*)



the Netherlands

1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs
Kwalificatie: Assistent plant of (groene) leefomgeving
Kwalificatiedossier: Entree
In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Certificate Senior Secondary Vocational Education Qualification:
Assistant plants or (green) living environment worker
Qualification file: Entry
This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

The most important duties of an Assistant plants or (green) living environment worker are:

Core task 1: Works as an assistant in a labour organisation

- 1.1 Prepares (assistant) work
- 1.2 Carries out (assistant) tasks
- 1.3 Reports on completing his (assistant) tasks

Core task 2: Is responsible for the green product, material and environment

- 2.1 Plants and lays out green product
- 2.2 Cares for the crop or maintains green areas
- 2.3 Maintains equipment, materials and the environment
- 2.4 Transports products and materials

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

The Assistant plants or (green) living environment worker works outside, in a labour-intensive organisation such as crop production, for a gardener or a company specialising in land, water or environmental technology. He is primarily involved in caring for green products.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate

The certificate issued on completion of the programme is signed by the examination board at the school where the pupil attended the programme.

Name and status of the national/regional authority providing accreditation/recognition of the certificate

Ministry of Education, Culture and Science

Level of the certificate (national or international)

Qualification level 1 of the Dutch VET qualification

Grading scale / Pass requirements

10 excellent
9 very good

* 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.

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5. OFFICIAL BASIS OF THE CERTIFICATE		
structure Characteristics: intended for participants not eligible for a course at qualification level 2. After completion of the course, the professional is able to carry out simple tasks, under supervision. NLQF level 1 - EQF level 1 - ISCED 2C	8 7 6 5 4 3 2 1	good very satisfactory pass fail unsatisfactory very unsatisfactory poor very poor
Access to next level of education/professions The Assistant plants or (green) living environment worker can in principle enter all study courses at level 2. The Assistant plants or (green) living environment worker wishing to progress in the same field can advance to the management and maintenance of green space, as a skilled worker outdoor space, skilled worker recreational companies or skilled worker mechanised contracting firm. In the flower and gardening sector, it is possible to advance to the level of basic professional practitioner as floristry worker. In plant cultivation there are limited opportunities for advancement.	International agreements	
Legal basis Adult and Vocational Education Act (WEB), registered number of qualification (crebo): 25258 The education and training for this qualification is offered as of August 1, 2015.		

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE	
Senior secondary vocational education features two learning pathways: the school-based pathway (bol) and the training on the job pathway (bbl). In the school-based pathway, the majority of the course consists of theory at school. The extent of the practical component (vocational practice) is between 20% and 60%. In the training on the job pathway, the extent of vocational practice is at least 60% of the course. The participant works four days a week in a training company, and attends school for theory subjects just one day a week. In principle it is possible to follow both learning pathways, but which pathway is offered will depend on the individual educational institution.	
Average duration of the education/ training leading to the certificate	1 year (1600 study hours) (depending on previous education)
Entry requirements There are no legal educational requirements.	



CERTIFICATE SUPPLEMENT (*)



the Netherlands

1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs
Kwalificatie: Medewerker buitenruimte
Kwalificatiedossier: Natuur en groene ruimte 2
In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Certificate Senior Secondary Vocational Education
Qualification: Natural environment worker
Qualification file: Nature and green open spaces 2
This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

The most important duties of a Natural environment worker are:

Core task 1: Laying out natural and living environments

- 1.1 Makes the terrain ready for construction work
- 1.2 Carries out earthmoving
- 1.3 Lays sewage and/or water drainage systems
- 1.4 Provides water supply (and water features)
- 1.5 Makes hardened areas
- 1.6 Places building elements
- 1.7 Installs technical provisions
- 1.8 Plants green provisions
- 1.9 Completes the construction work

Core task 2: Maintaining natural and living environments

- 2.1 Carries out weed, disease and pest control
- 2.2 Carries out improvements to the soil
- 2.3 Maintains sewage and/or water drainage systems
- 2.4 Maintains water supply (and water features)
- 2.5 Maintains hardened areas
- 2.6 Maintains building elements
- 2.7 Maintains technical provisions
- 2.8 Maintains green provisions
- 2.9 Leaves the working environment looking cared for

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

The natural environment worker is employed in labour organisations from government, foundations or in the private sector that own woodland and/or nature areas, green areas, water boards, contracting companies and

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4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE
gardening contractors.

5. OFFICIAL BASIS OF THE CERTIFICATE	
Name and status of the body awarding the certificate The certificate issued on completion of the programme is signed by the examination board at the school where the pupil attended the programme.	Name and status of the national/regional authority providing accreditation/recognition of the certificate Ministry of Education, Culture and Science
Level of the certificate (national or international) Qualification level 2 of the Dutch VET qualification structure Characteristics: intended as an initial qualification, which everyone should at least obtain. The participant develops skills in order to be able to carry out practical tasks and is responsible for his or her own block of tasks. NLQF level 2 - EQF level 2 - ISCED 3C	Grading scale / Pass requirements 10 excellent 9 very good 8 good 7 very satisfactory 6 pass 5 fail 4 unsatisfactory 3 very unsatisfactory 2 poor 1 very poor
Access to next level of education/professions On the basis of further training and/or experience, the Natural environment worker can be trained as nature and living environment worker level 3.	International agreements
Legal basis Act on Vocational Education and Training (WEB), registered number of qualification (crebo): 97531 The education and training for this qualification is offered as of August 1, 2009.	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE	
Senior secondary vocational education features two learning pathways: the school-based pathway (bol) and the training on the job pathway (bbl). In the school-based pathway, the majority of the course consists of theory at school. The extent of the practical component (vocational practice) is between 20% and 60%. In the training on the job pathway, the extent of vocational practice is at least 60% of the course. The participant works four days a week in a training company, and attends school for theory subjects just one day a week. In principle it is possible to follow both learning pathways, but which pathway is offered will depend on the individual educational institution.	
Average duration of the education/ training leading to the certificate	2 years (3200 study hours) (depending on previous education)
Entry requirements The certificate preparatory vocational secondary education (vmbo) basic vocational programme, or a comparable level.	

7. ADDITIONAL INFORMATION

Dutch senior secondary VET is based on qualification files, that each contain one or more qualifications. The information included in part 3 and 4 is derived directly from the qualification file, that is composed by the Centre of Expertise. The complete qualification file can be found at <http://kwalificaties.s-bb.nl/>, only in Dutch.

Additional information, including a description of the Dutch national qualifications system, is available at the Netherlands National Reference Point (NRP): www.s-bb.nl. The NRP is the information centre for vocational qualifications in the Netherlands. SBB has been appointed in this capacity by the Ministry of Education, Culture and Science.



CERTIFICATE SUPPLEMENT (*)



the Netherlands

1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs Kwalificatie:
Opzichter/uitvoerder groene ruimte
Kwalificatiedossier: Groene ruimte
In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Certificate Senior Secondary Vocational Education
Qualification: Supervisor green open spaces
Qualification file: Green open spaces
This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

The most important duties of a Supervisor green open spaces are:

Core task 1: Carries out tasks for the purpose of arranging and maintenance of nature, grounds and waters.

- 1.1 Takes care of nature, soil and water
- 1.2 Uses tools for layout/design and management/maintenance
- 1.3 Communicates with clients, guests, the public and/or third parties
- 1.4 Performs preparatory and completion work for layout/design and maintenance/management

Core task 2: Organises work in green open spaces

- 2.1 Sets up a plan and is responsible for the realisation
- 2.2 Calculates and monitors budget
- 2.3 Delivers the work
- 2.4 Optimises process/method
- 2.5 Manages colleagues (in projects)

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

A Supervisor green open spaces can work for an institution or governmental organisation, though he can also work freelance or in employ of a private company.

The Supervisor green open spaces works at a company or organisation in an outdoor area. This can include gardening, greening, forest or nature maintenance, agricultural engineering, a water board, a general contractor, a recreational company, a municipality or a consulting firm.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate

The certificate issued on completion of the programme

Name and status of the national/regional authority providing accreditation/recognition of the certificate

Ministry of Education, Culture and Science

* 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.

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5. OFFICIAL BASIS OF THE CERTIFICATE	
is signed by the examination board at the school where the pupil attended the programme.	
Level of the certificate (national or international) Qualification level 4 of the Dutch VET qualification structure Characteristics: non-job related skills such as tactical and strategic capacities. The professional bears his or her own responsibility, which is not only related to practical implementation in terms of monitoring and supervision, but also a more formal, organisational responsibility. The range of tasks also includes drafting new procedures. NLQF level 4 - EQF level 4 - ISCED 3A	Grading scale / Pass requirements 10 excellent 9 very good 8 good 7 very satisfactory 6 pass 5 fail 4 unsatisfactory 3 very unsatisfactory 2 poor 1 very poor
Access to next level of education/professions A Supervisor green open spaces can develop through higher professional educations such as Forest & nature maintenance, Land & water management and Gardening & landscaping.	International agreements The profession of Supervisor green open spaces is not regulated in the Netherlands. However the education and training for this profession on qualification level 4 is regulated under the European directive 2005/36/EC, amended by directive 2013/55/EU. The regulated education and training gives access to regulated professions at the level of a diploma according to article 11 of this directive.
Legal basis Act on Vocational Education and Training (WEB), registered number of qualification (crebo): 25454 The education and training for this qualification is offered as of August 1, 2015.	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE	
Senior secondary vocational education features two learning pathways: the school-based pathway (bol) and the training on the job pathway (bbl). In the school-based pathway, the majority of the course consists of theory at school. The extent of the practical component (vocational practice) is between 20% and 60%. In the training on the job pathway, the extent of vocational practice is at least 60% of the course. The participant works four days a week in a training company, and attends school for theory subjects just one day a week. In principle it is possible to follow both learning pathways, but which pathway is offered will depend on the individual educational institution.	
Average duration of the education/ training leading to the certificate	3 years (4800 study hours) (depending on previous education)
Entry requirements The certificate preparatory vocational secondary education (vmbo) advanced vocational programme, combined programme, or theoretical programme, or a comparable level.	



CERTIFICATE SUPPLEMENT (*)



the Netherlands

1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs
Kwalificatie: Vakbekwaam hovenier
Kwalificatiedossier: Groene ruimte
In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Certificate Senior Secondary Vocational Education
Qualification: Skilled gardener
Qualification file: Green open spaces
This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

The most important duties of a Skilled gardener are:

Core task 1: Carries out tasks for the purpose of arranging and maintenance of nature, grounds and waters.

- 1.1 Takes care of nature, soil and water
- 1.2 Uses tools for layout/design and management/maintenance
- 1.3 Communicates with clients, guests, the public and/or third parties
- 1.4 Performs preparatory and completion work for layout/design and maintenance/management

Core task 2: Carries out and supervises arrangement and maintenance of gardens and/or parks

- 2.1 Constructs gardens and/or parks
- 2.2 Does maintenance of gardens and/or parks
- 2.3 Supervises colleagues in technical professional areas
- 2.4 Monitors the planning at the implementation location

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

A Skilled gardener can work for an institution or governmental organisation, though he can also work freelance or in employ of a private company. The Skilled gardener focuses on arranging and maintaining green spaces in private gardens, but also gardens of institutions and urban green spaces.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate

The certificate issued on completion of the programme is signed by the examination board at the school where the pupil attended the programme.

Name and status of the national/regional authority providing accreditation/recognition of the certificate

Ministry of Education, Culture and Science

Level of the certificate (national or international)

Grading scale / Pass requirements

* 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.

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5. OFFICIAL BASIS OF THE CERTIFICATE		
Qualification level 3 of the Dutch VET qualification structure Characteristics: implementation of more than just the own block of tasks. The professional is able to account for his or her actions towards colleagues, and monitors and supervises the work of others. The range of tasks also includes drafting work preparation procedures. NLQF level 3 - EQF level 3 - ISCED 3C	10 9 8 7 6 5 4 3 2 1	excellent very good good very satisfactory pass fail unsatisfactory very unsatisfactory poor very poor
Access to next level of education/professions A Skilled gardener can develop to become a Supervisor green open spaces.	International agreements The profession of Skilled gardener is not regulated in the Netherlands. However the education and training for this profession on qualification level 3 is regulated under the European directive 2005/36/EC, amended by directive 2013/55/EU. The regulated education and training gives access to regulated professions at the level of a diploma according to article 11 of this directive.	
Legal basis Act on Vocational Education and Training (WEB), registered number of qualification (crebo): 25455 The education and training for this qualification is offered as of August 1, 2015.		

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE	
<p>Senior secondary vocational education features two learning pathways: the school-based pathway (bol) and the training on the job pathway (bbl).</p> <p>In the school-based pathway, the majority of the course consists of theory at school. The extent of the practical component (vocational practice) is between 20% and 60%. In the training on the job pathway, the extent of vocational practice is at least 60% of the course. The participant works four days a week in a training company, and attends school for theory subjects just one day a week.</p> <p>In principle it is possible to follow both learning pathways, but which pathway is offered will depend on the individual educational institution.</p>	
<p>Average duration of the education/ training leading to the certificate</p>	<p>3 years (4800 study hours) (depending on previous education)</p>
<p>Entry requirements</p> <p>The certificate preparatory vocational secondary education (vmbo) advanced vocational programme, combined programme, or theoretical programme, or a comparable level.</p>	

7. ADDITIONAL INFORMATION
<p>Dutch senior secondary VET is based on qualification files, that each contain one or more qualifications. The information included in part 3 and 4 is derived directly from the qualification file determined by the Minister of Education, Culture and Science. The complete qualification file can be found at http://kwalificaties.s-bb.nl/, only in Dutch.</p> <p>Optional subjects are linked to the qualification. The optional subjects have a total size of 15% of the course duration. The optional subjects completed by the student are listed on the certificate.</p> <p>Additional information, including a description of the Dutch national qualifications system, is available at the Netherlands National Reference Point (NRP): www.s-bb.nl. The NRP is the information centre for vocational qualifications in the Netherlands. SBB has been appointed in this capacity by the Ministry of Education, Culture and Science.</p>

Finland:



CERTIFICATE SUPPLEMENT



Title of the qualification (FI, SV)
<i>Puutarha-alan perustutkinnon perusteet</i> <i>Grundexamen inom trädgårdsbranschen</i> <i>Qualification requirements entered into force on 01.08.2018 (OPH-2846-2017)</i>
Translated title of the qualification (EN)
<i>Vocational Qualification in Horticulture</i>
This translation has no legal status.
Profile of skills and competences

Composition of the qualification

The scope of the vocational qualification in horticulture is 180 competence points. The qualification is composed of vocational units (145 competence points) and common units (35 competence points). Of the vocational units, the scope of compulsory units is 105 competence points and the scope of optional units 40 competence points.

The vocational qualification in horticulture comprises three competence areas, all with the same title:

- competence area in horticulture, Gardener
- competence area in landscape industry, Gardener
- competence area in floristry and horticultural business, Gardener.

Vocational skills and competences required for completion of the qualification

Holders of the vocational qualification in horticulture have wide-ranging basic skills in the field of horticulture and more advanced competence in floristry and horticultural business, horticulture, or landscape industries. They can identify a wide variety of plants in the horticultural sector and the factors affecting their growth in green areas, field cultivation, greenhouses, or florist's shops and garden centres. They know how to produce safe and high-quality services or horticultural products in floristry and horticultural business or landscape industries in compliance with the legislation, regulations, and agreements in the field.

Gardeners who have completed the *Competence area in floristry and horticultural business* can present, sell, and price floristry and horticultural products, supplies, and services. They can provide advice to customers and price and sell flower arrangements and other products of the sector. They know how to handle plants, ensuring they are saleable.

Gardeners who have completed the *Competence area in horticulture* can work in greenhouses or field cultivation growing horticultural products for customers. They are able to select the production and cultivation methods and efficient work techniques.

Gardeners who have completed the *Competence area in landscape industries* are able to build and maintain safe and pleasant environments. They are familiar with the materials used in landscaping and know how to work with them. They can interpret the documents used in landscaping and maintenance and comply with the quality requirements of the sector. They can operate the machinery and equipment used in the building and maintenance of green areas.

Range of occupations accessible to the holder of the certificate

Gardeners who have completed the vocational qualification in horticulture may work in the sales of products and services in florist's shops and garden centres, as growers of horticultural products, or in landscaping or the maintenance of green areas.

Official basis of the certificate	
Name and status of the body awarding the certificate An education provider with an authorisation to provide education and award qualifications granted by the Ministry of Education and Culture.	Name and status of the national/regional authority providing accreditation/recognition of the certificate Ministry of Education and Culture Finnish National Agency for Education, the national agency subordinate to the Ministry of Education and Culture
Level of the certificate (national or international) National Qualifications Framework (nqf) 4 European Qualifications Framework (eqf) 4 ISCED 3	Grading scale/Pass requirements Satisfactory S1 / Satisfactory S2 / Good G3 / Good G4 / Excellent E5
Access to the next level of education/training The qualification confers eligibility for higher education studies.	International agreements
Legal basis Vocational Education and Training Act 531/2017 and the decrees that complement it.	

Officially recognised ways of obtaining the certificate
The vocational skills required for completing the modules are demonstrated by performing practical tasks in authentic situations and work processes (demonstration of knowledge and skills). The student's knowledge and skills are assessed diversely by a teacher and a working life representative and compared to the competence defined in the qualification requirements. The education provider awards the student a qualification certificate once the qualification has been completed acceptably in accordance to the qualification requirements laid down by the Finnish National Agency for Education.
Entry requirements No formal qualifications are required to take the competence test.
Additional information Finnish National Agency for Education P.O. Box 380, FI-00531 Helsinki, Finland www.oph.fi

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.

For more information on transparency, visit <http://www.cedefop.europa.eu/en/themes/understanding-qualifications>

Title of the qualification (FI, SV)
<p><i>Puutarha-alan erikoisammattitutkinnon perusteet</i> <i>Specialyrkesexamen inom trädgårdsbranschen</i></p> <p><i>Qualification requirements entered into force on 01.01.2019 (OPH-1953-2018)</i></p>

Translated title of the qualification (EN)
<p><i>Specialist Vocational Qualification in Horticulture</i></p>
<p>This translation has no legal status.</p>

Profile of skills and competences
<p>Composition of the qualification</p> <p>The Specialist vocational qualification in Horticulture (180 competence points) consists of the compulsory unit Communication in horticultural organisations (20 competence points) and optional units (160 competences points).</p> <p>The qualification title produced by the units Working as an expert in the floristry sector and Developing products in the floristry sector is Florist (SQ).</p> <p>The qualification title produced by the units Planning and monitoring golf course maintenance and Working in a managerial position in the horticultural sector is Golf Course Maintenance Manager (SQ).</p> <p>The qualification title produced by the units Managing a landscaping work site or Managing an organisation in the landscaping sector and Procurement in the landscaping sector or Tendering activities in the landscaping sector is Landscape Manager (SQ).</p> <p>The Specialist vocational qualification in Horticulture can also be completed without a specific qualification title.</p> <p>Vocational skills and competences required for completion of the qualification</p> <p>Holders of the Specialist vocational qualification in Horticulture are able to perform demanding work tasks in the field of horticulture. They are able to apply their strong knowledge of horticulture in tasks requiring development or leadership skills or specialist knowledge of the field. They are able to work in different communications tasks in horticultural organisations, produce material required in them and develop communication.</p> <p>Golf course maintenance managers are able to work in planning, monitoring and managerial positions in golf course maintenance. They are able to plan and organise the work carried out on golf courses, monitor the finances and plan and implement the course maintenance tasks, environmental matters and safety.</p> <p>Florists (SQ) are able to plan and implement a specialist service in the floristry sector and serve as strong experts of their field to both professionals and consumers. They know how to develop product entities in the floristry sector.</p> <p>Landscape managers (SQ) are able to manage work at a landscaping work site or lead a landscaping organisation and manage the organisation's procurement or tendering activities.</p>

Range of occupations accessible to the holder of the certificate

Holders of the Specialist vocational qualification in Horticulture may work in diverse demanding vocational tasks of the field of horticulture as experts, trainers, developers or in managerial positions. They may be entrepreneurs or work as employees in companies, in the public sector or in communities.	
Official basis of the certificate	
Name and status of the body awarding the certificate An education provider with an authorisation to provide education and award qualifications granted by the Ministry of Education and Culture.	Name and status of the national/regional authority providing accreditation/recognition of the certificate Ministry of Education and Culture Finnish National Agency for Education, the national agency subordinate to the Ministry of Education and Culture
Level of the certificate (national or international) National Qualifications Framework (nqf) 5 European Qualifications Framework (eqf) 5	Grading scale/Pass requirements pass/fail
Access to the next level of education/training The qualification confers eligibility for higher education studies.	International agreements -
Legal basis Vocational Education and Training Act 531/2017 and the decrees that complement it.	

Officially recognised ways of obtaining the certificate
The vocational skills required for completing the modules are demonstrated by performing practical tasks in authentic situations and work processes (demonstration of knowledge and skills). The student's knowledge and skills are assessed diversely by a teacher and a working life representative and compared to the competence defined in the qualification requirements. The education provider awards the student a qualification certificate once the qualification has been completed acceptably in accordance to the qualification requirements laid down by the Finnish National Agency for Education.
Entry requirements No formal qualifications are required to take the competence test.
Additional information Finnish National Agency for Education P.O. Box 380, FI-00531 Helsinki, Finland www.oph.fi

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.

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CERTIFICATE SUPPLEMENT



Title of the qualification (FI, SV)
<p><i>Puutarha-alan ammattitutkinnon perusteet</i> <i>Yrkesexamen inom trädgårdsbranschen</i></p> <p><i>Qualification requirements entered into force on 01.01.2019 (OPH-1952-2018)</i></p>

Translated title of the qualification (EN)
<i>Further Vocational Qualification in Horticulture</i>
This translation has no legal status.

Profile of skills and competences
<p>Composition of the qualification</p> <p>The Further vocational qualification in Horticulture (150 competence points) consists of competence area-specific compulsory and optional units.</p> <p>The Further vocational qualification in Horticulture consists of the following competence areas and qualification titles:</p> <ul style="list-style-type: none"> • Competence area in Golf Course Maintenance, Golf Course Maintenance Operator • Competence area in Floristry, Florist • Competence area in Tree Care, Arborist • Competence area in Garden Plant Production, Nursery Gardener • Competence area in Construction of Green Areas, Landscape Constructor • Competence area in Maintenance of Green Areas, Landscape Gardener • Competence area in Interior Plantscaping, Interior Plantscaper. <p>Vocational skills and competences required for completion of the qualification</p> <p>Holders of the Further vocational qualification in Horticulture are able to work as horticultural professionals according to the sector they have chosen. They are able to care for plants and vegetation according to the requirements of their sector. They know the principles of business activities and are able to work profitably. They are able to take care of occupational safety and work as part of the network and the work community in their vocational field. Qualification holders know how to promote sustainable development in the sector.</p> <p>Golf Course Maintenance Operators who have completed the Competence area in Golf Course Maintenance are able to maintain golf courses taking into consideration the factors affecting the growth of the lawn. They are familiar with plant species and the growth requirements and uses of grass species. They know how to maintain the playing areas, manage the lawn with different mowing techniques and carry out other tasks necessary for their care. They know the rules of golf and take them into account in their work.</p> <p>Florists who have completed the Competence area in Floristry can serve their customers in a professional manner, present products of their field and advice customers in making choices. They are able to design and make flower arrangements to order and handle the materials required for them, ensuring the high quality of their work. They are able to market the floristry sector in diverse ways.</p> <p>Arborists who have completed the Competence area in Tree Care have the vocational skills required to plan and implement work related to establishing and planting individual trees and groups of trees and to carry out other measures required during the lifecycle of trees. They know how to perform structural and restoration pruning, crown thinning and topiary trimming. They know how to</p>

take care of the safety of the work site and work tasks, remove trees by using different techniques and perform tree condition assessments.

Nursery Gardeners who have completed the **Competence area in Garden Plant Production** are able to plan and implement the cultivation process of a plant group. They know how to take care of the growth capacity of plants and prepare products and packages for sale. They know the support systems and regulations related to production.

Landscape Constructors who have completed the **Competence area in Construction of Green Areas** have the vocational skills required of team leaders in the landscaping sector and possess in-depth knowledge of the tasks related to the construction of green areas. They are able to apply their knowledge of plants, the environment and construction of green areas.

Landscape Gardeners who have completed the **Competence area in Maintenance of Green Areas** have the vocational skills required to work as a team leader in the landscaping sector and in-depth competence in maintaining green areas. They are able to use their diverse knowledge related to plant care and maintenance of green areas in different tasks in the maintenance of green areas.

Interior Plantscapers who have completed the **Competence area in Interior Plantscaping** are able to plan and implement interior plantscaping, work in the customer's premises, make house plant arrangements and care for and restore indoor plant arrangements. They are able to provide interior plantscaping services to customers.

Range of occupations accessible to the holder of the certificate

Holders of the Further vocational qualification in Horticulture may work in diverse positions promoting the wellbeing of nature and people.

Golf course maintenance operators may work in vocational golf course maintenance tasks as employees or entrepreneurs.

Florists may work in florist's shops, floristry sector companies, garden shops or other working environments in the floristry sector as entrepreneurs or members of a work community or they may freelance as professionals of their field.

Arborists may be work as professionals of tree care, employed by cities, municipalities, parishes, housing cooperatives and other corporations controlling areas with trees within the built environment and urban forests, or they may work as entrepreneurs.

Nursery gardeners may work as entrepreneurs or employees in the production of garden plants.

Landscape constructors may work as team leaders in landscaping tasks. They may be employed by municipalities, parishes, companies or other organisations that perform landscaping work or they may work as entrepreneurs.

Landscape gardeners may work as team leaders in the maintenance of green areas. They may be employed by municipalities, parishes, companies, building management companies or other organisations that perform maintenance of green areas or they may work as entrepreneurs.

Interior plantscapers may work in companies providing interior plantscaping services, in the public sector or as entrepreneurs. They may sell, market, plan and implement products and interior decoration and care for plants.

Official basis of the certificate

Name and status of the body awarding the certificate

An education provider with an authorisation to provide education and award qualifications granted by the Ministry of Education and Culture.

Name and status of the national/regional authority providing accreditation/recognition of the certificate

Ministry of Education and Culture

Finnish National Agency for Education, the national agency subordinate to the Ministry of Education and Culture

Level of the certificate (national or international) National Qualifications Framework (nqf) 4 European Qualifications Framework (eqf) 4 ISCED 3	Grading scale/Pass requirements pass/fail
Access to the next level of education/training The qualification confers eligibility for higher education studies.	International agreements -
Legal basis Vocational Education and Training Act 531/2017 and the decrees that complement it.	

Officially recognised ways of obtaining the certificate
The vocational skills required for completing the modules are demonstrated by performing practical tasks in authentic situations and work processes (demonstration of knowledge and skills). The student's knowledge and skills are assessed diversely by a teacher and a working life representative and compared to the competence defined in the qualification requirements. The education provider awards the student a qualification certificate once the qualification has been completed acceptably in accordance to the qualification requirements laid down by the Finnish National Agency for Education.
Entry requirements No formal qualifications are required to take the competence test.
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