

| Work package | WP3 – Multilevel Qualification Portfolio on EQF levels 1 to 6 | | | | |
|------------------------|--|--|--|--|---|
| Result | R3.1 - Multilevel Qualification Portfolio for the Painting Trade | | | | |
| Date of delivery | Contractual (project application) | Contractual (project application) 31/05/2021 Actual (work plan) 31/05/2021 | | | |
| Type of deliverable | Qualification matrix / portfolio | | | | |
| | PU – Public | | | | х |
| Dissemination level | PP - Restricted to other E+ Programme participants (including EACEA, Commission services and project reviewers) | | | | |
| | CO - Confidential, only for members of the consortium (including EACEA, Commission services and project reviewers) | | | | |
| WP responsible partner | SBG | | | | |
| Author | Ines Jeschke | | | | |
| Contributors | | | | | |
| Quality Reviewer | | | | | |
| Summary | Qualification matrix / portfolio | | | | |
| Project Coordinator | SBG | | | | |







Document History

| Content or partial result | | Version | Contributors | Contribution | Date |
|---------------------------|-------------------------------|---------|----------------------------------|---|------------|
| Level 5 | Matrix Learning Out- comes | 1 | Ines Jeschke | Creation | 17.11.2020 |
| | | 2 | Ines Jeschke | Revision | 31.05.2021 |
| | | 3 | Ines Jeschke | Corrections | 08.10.2021 |
| | | | Petra Ziegler | Review (internal) | 15.01.2022 |
| | | | Claudius Wolfrum, LIV Bayern | Feedback | 26.01.2022 |
| | | | Alexander Schwarz, LIV Bayern | Feedback | 02.02.2022 |
| | | | Petra Ziegler | Review (external) | 23.02.2022 |
| | | | Petra Ziegler | Internal and external re- view (summary of recom- mendations) | 07.03.2022 |
| | | 4 | Ines Jeschke | Final version | 30.06.2022 |
| | | | | | |
| | | | | | |







| QUALIFICATION TITLE | Foreman in the painting trade (sector) |
|---------------------|--|
| UNIT TITLE | Overview |
| EQR LEVEL | 5 |

| | L5_U1 | Business A | dministration and Marketing | |
|-------------------|-------|--------------|---|--|
| UNITS OF LEARNING | | L5_U1-1 | Order processing | |
| OUTCOMES | | L5_U1-2 | Contract law | |
| | | L5_U1-3 | Marketing | |
| | | L5_U1-4 | Handling information and communication technologies (ICT) | |
| | L5_U2 | Business or | ganization | |
| | | L5_U2-1 | Measurement (Mass determination) | |
| | | L5_U2-2 | Construction law, quality assurance and human resource | |
| | | L5_U2-3 | Correspondence | |
| | | L5_U2-4 | Logistics | |
| | | L5_U2-5 | Health, safety and environment | |
| | L5_U3 | Vocational a | ational and work education | |
| | | L5_U3-1 | Vocational and work education | |
| | L5_U4 | Technology | | |
| | | L5_U4-1 | Building protection | |
| | | L5_U4-2 | Materials | |
| | | L5_U4-3 | Machine technology | |
| | L5_U5 | | ms, buildings) | |
| | | L5_U5-1 | Form and color theory | |
| | | L5_U5-2 | Architectural styles | |





Project ID 612288-EPP-1-2019-1-DE-EPPKA2-SSA



| QUALIFICATION TITLE | Foreman in the painting trade (sector) | | |
|---------------------|--|--|--|
| UNIT TITLE | UNIT 1 – Business administration (commercial management) and marketing | | |
| EQR LEVEL | 5 | | |

| | KNOWLEDGE | SKILLS | RESPONSIBILITY AND AUTONOMY |
|-----------------------------|--|---|---|
| LEARNING OUTCOMES | DESCRIPTION The learning outcomes relevant for level 5 are (sou | ırce: https://europa.eu/europass/de/description-eight | -eqf-levels): |
| | Comprehensive, specialized theoretical and fac- tual knowledge in a field of work or study as well as awareness of the limits of this knowledge. | Comprehensive cognitive and practical skills re- quired to develop creative solutions to abstract problems. | Directing and supervising in work or study con- texts in which unforeseeable changes occur; Re- view and develop your own performance and that of other people. |
| L5_U1-1 Order processing | He / she masters the basic rules of contract negotiation and con- | He / she candepending on the status of the order pro- | He / she is able to plan, prepare, adapt, carry out and document |
| | tract conclusion. He /she knows the importance of written documentation (e.g. contract, checklists, protocols) and uses them. types of calculation (preliminary, interim, post and back calculations). the customer's claims for defects. the methods for determining personnel, ma- terial and equipment requirements and plans their use. | cessing create calculations (preliminary, interim, post and back calculations). determine and justify lower price limits. assess and justify the various types of contracts and awards. describe defects and know the customer's claims for defects. check the order backlog and derives decisions. determine personnel, material and equipment requirements and plan the deployment. performance checks (reviews). | customer orders and construction site processes in a customer-oriented, efficient and legally se- cure manner. He / she is able to think and act entrepreneurially. |





PAINTING SKILLS ACADEMY Project ID 612288-EPP-1-2019-1-DE-EPPKA2-SSA



| LEARNING OUTCOMES | KNOWLEDGE | SKILLS | RESPONSIBILITY AND AUTONOMY |
|-------------------|---|---|-----------------------------|
| | He /she knows the basics of business administration (cost and performance accounting, business management). possibilities of efficient working methods and carries out comparative calculations. the basic rules of scheduling and can visualize them (e.g. bar chart). the essential measures of project monitoring (cost control, construction site control, finan- | He / she can prepare decision-making aids for corporate man- agement. He / she plans the procurement and delivery of materials. He /she determines operating performance, added value and order- related standard times. | |
| | cial control, deadline control) and are implemented. the methods of modern project management in order processing. the features of billing and performance control. | He / she created order-related schedules / schedules. the billing is legally compliant, monitors the payments and checks the success. | |
| | the tools to plan, prepare, adapt, carry out and document customer orders and con- struction site processes in a customer-ori- ented, efficient and legally secure manner. the basics of pricing and can carry out vari- ous calculations (e.g. hourly rate, offer price, contribution margin calculation, profit thresh- old calculation). | He / she can adapt and apply the methods of modern project management in order processing to the painting business. He / she grasps all necessary actions for initiating, planning, con- trolling and completing projects in the painting company and uses suitable digital tools. | |





PAINTING SKILLS ACADEMY Project ID 612288-EPP-1-2019-1-DE-EPPKA2-SSA



| LEARNING OUTCOMES | KNOWLEDGE | SKILLS | RESPONSIBILITY AND AUTONOMY |
|-------------------------|--|--|--|
| L5_U1-2 Contract law | He / she knows the legal consequences of the unauthorized exercise of a craft / commercial activity and of illegal work. the current EU data protection regulations and implements them in the company. the main types of contracts, in particular the law on work contracts. | He / she can understand and explain the legal basis for the exercise of a craft/commercial activity and against undeclared work. assess the stricter data protection regulations (which serve to improve control of personal data and ensure a level playing field) and de- rive suitable measures for implementation. apply the main types of contracts, in particu- lar the law on contracts for work and services | He / she is able to apply national law. implement the current EU data protection rules, including up-to-date information. |
| L5_U1-3 Marketing | He / she knows the importance of marketing for the company. the principles of advertising design and can show them. the meaning and components of corporate identity. the importance of modern communication using suitable media. the basics of a sales pitch (preparation and implementation). the importance of customer orientation, customer satisfaction, customer fascination and customer loyalty. the importance of corporate strategy and corporate philosophy. | He / she can explain the importance of customer orientation. identify and apply measures for customer acquisition and customer care. design and use presentation documents. create customer-friendly offers. present the benefits of services in the painting trade in a customer-oriented manner (basic and additional benefits). conduct an expert discussion, that means to show technical connections on which the project is based, explain the process and present job-related technical problems and their solutions. implement corporate identity and corporate design. | He / she is able to develop and evaluate a communication concept and to justify suitable measures to promote sales. He /she is able to have a technical discussion with the customer and take new developments into account. He /she is able to implement the spatial, temporal and targeted structuring of work processes. |



The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Co-funded by the Erasmus+ Programme of the European Union







| LEARNING OUTCOMES | KNOWLEDGE | SKILLS | RESPONSIBILITY AND AUTONOMY |
|---|--|--|---|
| L5_U1-4 Handling information and communication technolo- gies (ICT) → Competence area 1-5 | He /she knows the importance of digitization for a future-oriented craft company. possibilities of digitization in organizational and communicative tasks (manage tasks and react in real time. Automatic communication between systems instead of constant availability of important employees). the functioning of new possibilities such as exoskeleton suits. | He /she can use smartphones, tablets, etc. according to the situation. use systems such e.g. exoskeleton suits. He /she uses modern information and communication technologies for obtaining information and processing orders. | He /she is able to use digital information and its mobile availability (data flow, data exchange and data usage) and to include it in production and business pro- cesses. He /she is able to check current developments and to include them in production and business processes. |
| Competence area 1 "Information and data liter- acy": Articulate information needs, find and retrieve digital data, information and content. | He /she knows the content of the competence area 1: 1.1 Browsing, searching and filtering data, information and digital content 1.2 Evaluating data, information and digital content 1.3 Managing data, information and digital content | He /she can respond to information needs. apply research to obtain data, information and content in digital environments. demonstrate how to access and navigate be- tween this data, information and content. suggest personal search strategies. conduct an evaluation of the credibility and reliability of various sources of data, infor- mation and digital content. carry out an evaluation of different data, in- formation and digital content. manipulate information, data and content for easier organization, storage and retrieval. perform simpler organization and processing in a structured environment. | He /she is able to assess the relevance of the source and its content. store, manage and organize digital data, information and content. guide others. |





Project ID 612288-EPP-1-2019-1-DE-EPPKA2-SSA



| LEARNING OUTCOMES | KNOWLEDGE | SKILLS | RESPONSIBILITY AND AUTONOMY |
|---|---|--|--|
| Competence area 2 "Communication and collabo- ration": Interaction, communication and collaboration through digi- tal technologies, taking into account cultural and genera- tional diversity. | He /she knows the content of the competence area 2: 2.1 Interacting through digital technologies 2.2 Sharing through digital technologies 2.3 Engaging in citizenship through digital technologies 2.4 Collaborating through digital technologies 2.5 Netiquette 2.6 Managing digital identity | He /she can use a variety of digital technologies in order to interact. show others the most appropriate digital means of communication for a given context. share data, information and digital content through a variety of appropriate digital tools. show others how to act to share information and content through digital technologies. apply a variety of references and attribution practices. propose different digital services to partici- pate in society. use suitable digital technologies to empower oneself and to participate in society. propose different digital tools and technolo- gies for collaborative processes. apply different standards of behavior and know-how when using digital technologies and interacting in digital environments. apply different aspects of cultural and gener- ational diversity to take them into account in digital environments. use different digital identities. | He /she is able to Participate in society through public and private digital services and participatory citizenship. Manage your digital presence, identity and reputation. to lead others. |





Project ID 612288-EPP-1-2019-1-DE-EPPKA2-SSA



| LEARNING OUTCOMES | KNOWLEDGE | SKILLS | RESPONSIBILITY AND AUTONOMY |
|--|--|---|---|
| Competence area 2 | | He /she can use different ways to protect my reputation online. use data generated by multiple digital tools and services. | |
| Competence area 3 "Digital content creation": Creation and editing of Digital Content. | He /she knows the content of the competence area 3: 3.1 Developing digital content 3.2 Integrating and re-elaborating digital content 3.3 Copyright and licences 3.4 Programming | He /she can use methods to create and edit content in different formats. identify ways to express yourself through the creation of digital means. operate with new, different content and information, modifying, refining, enhancing and integrating it to create new and original ones. apply different copyright and license rules that apply to data, digital information and content. operate with instructions for a computer system to solve another problem or perform another task. | She/he is able to improve and integrate information and content into an existing body of knowledge. understand and apply copyrights and licenses. give understandable instructions for a computer system. lead others. |
| Competence area 4 "Safety": To protect devices, content, personal data and privacy in digital environments. | He /she knows the content of the competence area 4: 4.1 Protecting devices 4.2 Protecting personal data and privacy 4.3 Protecting health and well-being 4.4 Protecting the environment | He /she can use different methods to protect devices and digital content. distinguish different risks and threats in digital environments. apply security measures. use different methods to give due consideration to reliability and privacy | She/he is able to protect physical and mental health and raising awareness of digital technologies, social well-being and social inclusion. be aware of the environmental impact of digital technologies and their use. lead others. |



The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein. Co-funded by the Erasmus+ Programme of the European Union



Project ID 612288-EPP-1-2019-1-DE-EPPKA2-SSA



| LEARNING OUTCOMES | KNOWLEDGE | SKILLS | RESPONSIBILITY AND AUTONOMY |
|---|---|--|--|
| Competence area 5 "Problem solving": Recognize needs and prob- lems and solve conceptual problems and problem situa- tions in digital environments. | He /she knows the content of the competence area 5: 5.1 Solving technical problems 5.2 Identifying needs and technological responses 5.3 Creatively using digital technologies 5.4 Identifying digital competence gaps | He /she can use different methods to protect my personal information and my privacy in digital environments. use various specific ways to share your data and protect yourself and others from harm. explain the privacy policy, in particular how personal data is used in digital services. He /she can assess technical problems when using digital environments and when operating digital devices. apply different solutions to technical problems. assess needs. apply different digital tools and possible technological answers to solve problems. use different digital tools and technologies to create knowledge and innovative processes and products. apply individual and collective cognitive processing to solve different conceptual problems and problem situations in digital environments. | She/he is able to use of digital tools to innovate processes and products. keep up with digital evolution. lead others. |





Project ID 612288-EPP-1-2019-1-DE-EPPKA2-SSA



| LEARNING OUTCOMES | KNOWLEDGE | SKILLS | RESPONSIBILITY AND AUTONOMY |
|-------------------|-----------|--|-----------------------------|
| | | He /she can show where your own digital competence needs to be improved or updated. illustrate different ways of supporting others in developing their own digital competence. suggest different opportunities for self-devel- opment and keep up to date with digital de- velopment. | |







| QUALIFICATION TITLE | Foreman in the painting trade (sector) |
|---------------------|--|
| UNIT TITLE | UNIT 2 – Business organization |
| EQR LEVEL | 5 |

| | KNOWLEDGE | SKILLS | RESPONSIBILITY AND AUTONOMY | |
|-------------------------------------|--|--|--|--|
| LEARNING OUTCOMES | DESCRIPTION The learning outcomes relevant for level 5 are (source: https://europa.eu/europass/de/description-eight-eqf-levels): | | | |
| | Comprehensive, specialized theoretical and fac- tual knowledge in a field of work or study as well as awareness of the limits of this knowledge. | Comprehensive cognitive and practical skills re- quired to develop creative solutions to abstract problems. | Directing and supervising in work or study con- texts in which unforeseeable changes occur; Re- view and develop your own performance and that of other people. | |
| L5_U2-1 | He / she knows | She / he is able | He / she is responsible | |
| Measurement (Mass determination) | that solving math tasks are part of the daily work in the painting trade in order to be able to invoice the work performed. He / she knows the necessary calculations, can describe, explain and apply / transfer them. He / she knows the rules, guidelines and components for the cre- ation of measurement calculations (measure- ment, mass determination, measurement rules). | to read construction drawings, tables and graphics. to write the numbers and calculations required for the billing in a clean, clear, unambiguous and clearly recognizable manner. to carry out measurement calculations – in compliance with the rules, regulations - and prepare a cost planning and / or billing by determining the masses. | for the professional creation of a measurement, for the legally and factually correct billing of or- ders. He / she analyzes and assesses received docu- ments. He / she leads calculations, evaluates, compares and summa- rizes the results - in compliance with rules and methods. He / she delegates and controls this work, communicates with busi- ness partners. | |





PAINTING SKILLS ACADEMY Project ID 612288-EPP-1-2019-1-DE-EPPKA2-SSA



| LEARNING OUTCOMES | KNOWLEDGE | SKILLS | RESPONSIBILITY AND AUTONOMY |
|---|---|--|--|
| L5_U2-2 Construction law, quality assurance and human re- source | He /she knows the essential national laws, in particular the provisions of the law on contracts for work and services (contract law of traders). the importance of the national technical rules and regulations of the painting trade. the sub-functions of quality assurance and can explain them. the basics of human resources (personnel planning, personnel selection, personnel management, performance appraisal). | He /she can apply the essential national laws on a contract-by-order basis. explain national technical rules and guidelines of the painting trade. establish quality levels and determine them for the execution of services. apply the processes of the customer order and argue the legal basis of the customer order. implement human resources tools (e.g. construction schedule, work preparation, process planning, network planning technology). | He /she is able to process orders / construction sites in compliance with the laws as well as the technical rules and guidelines. He /she is able to organize the internal quality assurance process and to ensure a defined quality level. She/he is able to use staff efficiently. |
| L5_U2-3 Correspondence | He /she knows the importance of documentation. the most important construction site forms such as e.g. construction diary, management report, construction site log, acceptance report, notification of concern, notification of disability, verification of material and personnel. | He /she can use the most important construction site forms according to the situation. | He /she is able to document the process flows of construction sites and agreements. |
| L5_U2-4 Logistics | He /she knows the principles of the division of tasks. and understands the tasks of logistics. the organizational and technical measures to create and maintain the quality standard. | He /she can analyze and split work and business processes (process analysis and design). implement suitable logistics measures (plan values, target/actual comparisons). | He /she is able to implement the spatial, temporal and targeted structuring of work processes. |





Project ID 612288-EPP-1-2019-1-DE-EPPKA2-SSA



| LEARNING OUTCOMES | KNOWLEDGE | SKILLS | RESPONSIBILITY AND AUTONOMY |
|---------------------------|---|---|--|
| L5_U2-4 | | He /she can plan and implement the construction site facilities (e.g. use of materials and personnel, principles of organization and furnishing, workplace ordinances, technical rules). | |
| L5_U2-5 Health, safety | He /she knows the employer's duties and the employee's duty to cooperate. the institution (s) of the accident insurance. safety signs (warning, prohibition, mandatory, rescue, fire protection signs), nationally and within the EU, and can evaluate them. the measures to prevent accidents, especially with regard to the 5 hazard groups. the importance of safety data sheets, technical rules for hazardous substances and operating instructions and uses them in the company. the basics of a sales pitch (preparation and implementation). the meaning and components of the risk assessment. the health and safety measures that are important in the workplace. the elements of an instruction. | He /she can divide, assess and explain the impending dangers in the painting trade into the 5 essential groups (dangers from falling, dangerous working materials, work processes, electrical current, fire). prepare risk assessments (check and evaluate industry-specific hazardous and stressful situations as well as working conditions). apply the essential legal provisions (e.g. employment restrictions, preventive medical examinations, workplace guidelines, checking work equipment). carry out safety tasks in the workplace and establish health and safety measures. inform about the introduction of new technologies, work equipment. create operating instructions and work instructions - taking into account the currently valid legal regulations. inform about the dangers of accidents, occupational diseases and work-related diseases. give instructions for safe work. | She / he is able to organize all necessary measures for health pro- tection and occupational safety and to implement them in particular in the painting business and to apply the laws, regulations, ordinances and guidelines. |



The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein. Co-funded by the Erasmus+ Programme of the European Union



Project ID 612288-EPP-1-2019-1-DE-EPPKA2-SSA



| LEARNING OUTCOMES | KNOWLEDGE | SKILLS | RESPONSIBILITY AND AUTONOMY |
|------------------------|---|---|--|
| L5_U2-5 Environment | He /she knows and masters the essential legal provisions (envi- ronmental laws such as the VOC directive and recycling and waste laws such as the waste reg- ulations), nationally and within the EU. | He /she can assess and explain the causes of environmental hazards caused by painting work (internal and external). select the materials and auxiliary materials required in the painting trade appropriately and professionally, according to ecological and sustainable criteria. | He /she is able to to apply all necessary measures for environmen- tal protection - taking into account the laws, regu- lations, ordinances and guidelines that must be observed in the painting business. |





Project ID 612288-EPP-1-2019-1-DE-EPPKA2-SSA



| QUALIFICATION TITLE | Foreman in the painting trade (sector) |
|---------------------|--|
| UNIT TITLE | UNIT 3 – Vocational and work education |
| EQR LEVEL | 5 |

| | KNOWLEDGE | SKILLS | RESPONSIBILITY AND AUTONOMY |
|----------------------------|--|--|--|
| LEARNING OUTCOMES | DESCRIPTION The learning outcomes relevant for level 5 are (source: https://europa.eu/europass/de/description-eight-eqf-levels): | | |
| | Comprehensive, specialized theoretical and fac- tual knowledge in a field of work or study as well as awareness of the limits of this knowledge. | Comprehensive cognitive and practical skills re- quired to develop creative solutions to abstract problems. | Directing and supervising in work or study con- texts in which unforeseeable changes occur; Re- view and develop your own performance and that of other people. |
| L5_U3-1 | He / she knows | He / she can | He / she is able to |
| Vocational and work educa- | the effects of leadership behavior on em- | reflect on your own leadership behavior. | to present and apply the instruments of staff |
| tion | ployees and the working atmosphere. measures and methods to motivate employees. measures and methods for conflict resolution and strategies to prevent bullying. the principles of leadership. the importance of learning and working in a team. educational measures for dealing with adolescents and young adults. the training content and training methods (e.g. 4-step method). | present and explain the different styles and means of leadership and know the principles of leadership. conduct feedback discussions with employees. justify the importance of the working atmosphere. communicate training content. lead employees. develop and design company learning and work tasks (from the company training plan and the typical work and business processes). | management. |







| QUALIFICATION TITLE | Foreman in the painting trade (sector) |
|---------------------|--|
| UNIT TITLE | UNIT 4 – Technology |
| EQR LEVEL | 5 |

| | KNOWLEDGE | SKILLS | RESPONSIBILITY AND AUTONOMY |
|--------------------------------|---|---|--|
| LEARNING OUTCOMES | DESCRIPTION The learning outcomes relevant for level 5 are <i>(sou</i> | urce: https://europa.eu/europass/de/description-eight | -eqf-levels): |
| | Comprehensive, specialized theoretical and fac- tual knowledge in a field of work or study as well as awareness of the limits of this knowledge. | Comprehensive cognitive and practical skills re- quired to develop creative solutions to abstract problems. | Directing and supervising in work or study con- texts in which unforeseeable changes occur; Re- view and develop your own performance and that of other people. |
| L5_U4-1 Building protection | He / she knows scientific contexts, can explain and evaluate them. building physical conditions on buildings in the interior and exterior. the job-specific work processes, can present and compare them and use them in a situation-appropriate manner. | He / she is can explain aggregate states, differentiate be- tween adhesion and cohesion as well as het- erogeneous and homogeneous mixtures as well as describe the origin / production of al- kalis, acids and neutralization. name, identify and judge possible defects (damage) in mineral, wood, metal and plastic substrates. use extensive methods and procedures for measuring, testing, calculating and assessing as well as for preparing the substrates (tech- nology and materials / auxiliary materials - workshop laboratory). physics calculations (e.g. thermal conductiv- ity, water vapor permeability). | He / she is able to apply special knowledge and skills in the design of objects (e.g. rooms, facades). to create damage diagnoses. |







| LEARNING OUTCOMES | KNOWLEDGE | SKILLS | RESPONSIBILITY AND AUTONOMY |
|----------------------|--|---|---|
| L5_U4-1 | | He / she is can assess the building physics requirements of the components (e.g. crack formation, envi- ronmental influences) and carry out build- ing | |
| L5_U4-2 Materials | He / she knows the composition of coating materials (binders, pigments, solvents / thinners, additives) the terms solid, high-solid paint, volatile content (VOC) and the names of coating materials. the basics for the production of a coating material / varnish. the division of the coating materials into binder groups. the tasks and properties of the binding agents and their use. the tasks and properties of the solvents, groups of solvents and their use. the dangers and necessary protective measures when handling solvents. the distinction between pigment, dye and filler. the classification of the pigments, their tasks and properties as well as the basics of production. | He / she is able to use the following materials and auxiliary materi- als properly: Binders (mineral binders, dispersions, oils, resinous binders) Solvents (hydrocarbons, alcohols, esters, ketones) Pigments, dyes and fillers Cover materials (cover films, paper, cover fleece, adhesive tapes) | He / she is able to select the materials and auxiliary materials required in the painting trade appropriately and professionally according to ecological and sustainable criteria. understand the specific properties and characteristics of materials and auxiliary materials and to evaluate them in the context of substrate-specific problem solutions. create suitable documentation. evaluate the health regulations. |







| LEARNING OUTCOMES | KNOWLEDGE | SKILLS | RESPONSIBILITY AND AUTONOMY |
|-------------------------------|--|---|--|
| L5_U4-2 | He / she knows the most important additives in dispersions and paints. the drying processes. the coating systems and leveling com- pounds. | | |
| L5_U4-3 Machine technology | He / she knows and understands the accident prevention regulations for devices, machines and systems. the use of the devices, machines and systems. He / she can follow the instructions for use of the devices, read, understand and explain machines and systems. He / she knows the handling, care, maintenance and storage of devices, machines and systems. the advantages and disadvantages of the in- dividual devices, machines and systems. He / she knows the advantages and systems are needed in the individual phases of order pro- | He / she can to select e.g. the following devices, machines and systems and use them properly: Suction devices (e.g. vacuum cleaners) Pressure washer Grinding machines Burning devices and milling machines For applying paint: spraying machines, immersion, flooding systems For cleaning (e.g. high-pressure cleaner) | He /she is able to select and use the devices, machines and sys- tems required in the painting trade properly and professionally. |





Project ID 612288-EPP-1-2019-1-DE-EPPKA2-SSA



| QUALIFICATION TITLE | Foreman in the painting trade (sector) |
|---------------------|--|
| UNIT TITLE | UNIT 5 – Design (rooms, buildings) |
| EQR LEVEL | 5 |

| LEARNING OUTCOMES | KNOWLEDGE | SKILLS | RESPONSIBILITY AND AUTONOMY | |
|----------------------------------|---|---|--|--|
| | DESCRIPTION The learning outcomes relevant for level 5 are (source: https://europa.eu/europass/de/description-eight-eqf-levels): | | | |
| | Comprehensive, specialized theoretical and fac- tual knowledge in a field of work or study as well as awareness of the limits of this knowledge. | Comprehensive cognitive and practical skills re- quired to develop creative solutions to abstract problems. | Directing and supervising in work or study con- texts in which unforeseeable changes occur; Re- view and develop your own performance and that of other people. | |
| L5_U5-1 | He / she knows | He / she can | He / she is able to | |
| Form/shape and color the- ory | the principles of color, shape and color design. the basics of font, signet and logo type design and can use them. knows the effect of colors and can implement the basic principles of color psychology in a customer-oriented manner. the structure of the order processing. | run the basic techniques of object design (in analogue and digital form) and takes into account developments in product innovations and market conditions such as trends. use the basics of font, signet and logo type design. create color samples and carry out color determinations. create simple room and facade sketches. use standardized colors (e.g. safety colors). | apply special knowledge and skills in the design of objects (e.g. rooms, façade implement color schemes and use safety and identification colors properly and professionally. | |
| L5_U5-2 | He / she knows | He / she can | He / she is able to | |
| Architectural styles | the characteristics of the essential style and art epochs (style and art history). significant buildings, fonts, colors, ornaments, etc. for each style epoch. | design, draw, construct, transfer and execute decorations, ornaments, forms/shapes and fonts according to the architectural styles, as well as templates (also computer-aided). use the knowledge in the design of objects. | apply special knowledge and skills in the design of objects (e.g. rooms, facades). | |





Project ID 612288-EPP-1-2019-1-DE-EPPKA2-SSA



| LEARNING OUTCOMES | KNOWLEDGE | SKILLS | RESPONSIBILITY AND AUTONOMY |
|-------------------|-----------|--|-----------------------------|
| L5_U5-2 | | He /she sets | |
| | | the design of the property to a high quality, taking | |
| | | into account the design wishes of the customer, | |
| | | the future use, the demands on the use, the ar- | |
| | | chitecture, the spatial conditions, the nature of | |
| | | the subsoil and the technical possibilities. | |



The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Co-funded by the Erasmus+ Programme of the European Union





REFERENCES

Dr. Lothar Semper, Dipl.-Kfm. Bernhard Gress, *Die Handwerkerfibel Volume 1-4*, Holzmann Medien GmbH & Co. KG, Germany - 86825 Bad Wörishofen, 53rd revised edition 2015 and 58th revised edition 2020

Stephanie Carretero, Riina Vuorikari and Yves Punie; DigComp 2.1 - The Digital Competence Framework for Citizens - With eight proficiency levels and examples of use; Luxembourg: Publications Office of the European Union, 2017

Training concept of the Federal Color Design Building Protection Association, Further training to become a certified construction site manager (preliminary work) in the painting and varnishing trade, Solmsstr. 4, Germany - 60486 Frankfurt, www.color.de



