

COURSE UNIT

UNIT OBJECTIVES

1	Developing and manufacturing a wooden last from foot measurements	To know how to create a wooden last, starting from the measurement of the feet, including to draw, to choose and to make the changes on the standard last, to implement and assess lasts' prototypes.
2	Adapting basic lasts to the production of luxury and high-end footwear	To understand the morphology of the foot and leg, determining dimensional and functional factors and establishing the type of last for each category of population and luxury/high-end footwear to be made.
3	Shoe Design	To design and make a model for luxury shoes, articulating knowledge on sociology of fashion, artistic techniques, history of footwear, types of leather, fabrics, treatments and finishes, and other innovative materials, modern technologies, and biomechanics of the feet.
4	Pattern Making	To make and develop the entire pattern of a model respecting requirements of fitting, comfort, design, company's identity and visual balance of the model adapted to luxury shoe standards.
5	Selection of leather	To acquire knowledge on exotic, high-quality leather and to learn to identify different kinds of leather in order to be able to make choices for the luxury shoes manufacturing.
6	Clicking Cutting	To cut shoe components for luxury shoes in high quality and to acquire knowledge on types and structure of leathers, knowledge of footwear technologies, principles and rules of clicking & cutting.
7	Pre-stitching	To prepare the elements of the upper respecting the quality requirements according to the type of material, the model and the identity of the brand.
8	Stitching	To be able to stitch an upper respecting the quality requirements according to the type of material, the model and the identity of the brand.
9.1	Assembling luxury shoes with Goodyear construction method	To understand the fundamentals of the Goodyear construction handmade method, including all its operations.
9.2	Assembling luxury shoes with cementing construction method	To understand the fundamentals of the Cemented construction, including the preassembly operations and the manual operations of lasting respecting the luxury footwear quality requirements.
10	Finishing and Packing	To acquire knowledge and to develop skills to perform all due finishing and packing operations in high-end/luxury footwear.
11	Quality Control	To set up and perform a high-end shoe quality control system, according to fit and comfort, aesthetical appearance and technical aspects (durability) of footwear, achieving maximum customer satisfaction, focusing.
12	Recovering Shoes	To develop the entire process to repair and finish the sole, heel, welt and other components, in accordance to the model type and respecting the luxury footwear quality requirements.

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HIGH-END SHOE INNOVATIVE TRAINING FOR LUXURY FOOTWEAR MANUFACTURING

The project's overall aim is to strengthen high-end footwear production across Europe by training a new generation of high-skilled manufacturers oriented towards high-end products and promoting entrepreneurship among new talented designers.



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For that purpose, project partners have created and developed a new qualification profile and related training course in “luxury footwear manufacturing”, which targets to VET students, talented designers, footwear workers and technicians, and new entrepreneurs in the field of footwear.

The profile and training material have been developed through consultations with leading companies in the luxury high-end segments, which have formed the basis for the identification of the relevant knowledge, skills, and capacities required to manufacture such type of footwear.



Project Outcomes

- Evidence based research on training needs and opportunities for the luxury segment;
- A revision and update of the profile “Footwear Manufacturing/Tailor-made Technician” and the correspondent training programme under the principles and requirements of ECVET (European Credit system for Vocational Educational and Training);
- An innovative b-learning course to be delivered in e-learning format and workshops;
- The enhancement of employability of designers, modellers and entrepreneurs in the field of footwear.

Specific Objectives

- To increase and reinforce the added value of European footwear;
- To update, review and disseminate the occupational profile “Footwear Manufacturing/Tailor-made Technician” and the correspondent training content;
- To provide training to bridge the skills gap on high quality footwear manufacturing, while enhancing the development of key-skills and competencies in the European footwear sector;
- To develop an innovative and flexible ICT based training on footwear manufacturing, entrepreneurship, marketing & commercialisation, start-up business management, and others.

Luxury Footwear Manufacturing



E-course Description

The e-course for “Luxury Footwear Manufacturing” aims at developing skills and competences to **design, develop, manufacture, and control high-end/luxury footwear**. It is tailor-made for new talent designers, high-end footwear companies in process of transferring knowledge to new generations, and companies willing to enter in the high-end or luxury sector.

It includes a package of **12 training units** that altogether address training needs in the footwear industry. Each training unit is composed of several pedagogical materials such as presentations and videos, a glossary with the most frequent terms used in the unit, a bibliography, and a self-assessment.

The course is flexible, addressed to the audience, and proposes the most adequate learning path, also addressing specific training needs within the high-end/luxury footwear manufacturing sector. This means a trainee can choose to do the entire course or only one or some training units. When used within an SME, the e-learning platform allows a trainee to “invite” other participants inside the company to follow some specific training units, contributing to an enhanced knowledge of the field.

The e-course is available in English during the testing phase and will also be available in Czech, French, Portuguese Italian and Spanish.

*Craftsmanship • Dedication • Hand-made • Heritage
High Specialisation • Know-How • Personalised services
Superior customer experience*



Profile Description

Inspired by the already existing profiles focused on the basics of luxury in different EU countries, the new profile will address the knowledge, skills and competences required by a technician on luxury footwear manufacturing to reach the high quality and specificities of a luxury product.

The new qualified technician will be able to manage and conduct all necessary operations of the footwear manufacturing process in the spirit of luxury segment/products, namely to develop and manufacture a wooden last, cut it, adapt basic lasts, draw the model, perform pattern making adjustments and materials, select leather according to luxury requirements, cutting, preparation for stitching, stitching, preparation for assembling, assembling both handmade Goodyear Welted and Cemented construction, finishing and packing, perform manual operations of restoring and quality control procedures, using high-end and original materials, manual techniques, according to the quality, maintenance, procedures and standards on hygiene and security at work.

This profile involves a wide range of deep knowledge, skills and competences on luxury footwear manufacturing concerning all phases of the process, embedding a high level of manual content, and the use of advanced technologies and quality control procedures. It implies a high capacity for self-management, autonomy, understanding instructions, but also the capacity to interpret and improve, solve problems, and help others to achieve the goals, as well as to lead teams.