## Digital FABLAB Virtual learning-by-doing for footwear education From analogue practices to digital education



# Lab technician

## **Description**

A person who is in charge of doing scientific research and laboratory tests with laboratory equipment. To do this, lab technicians must combine precision, knowledge and professional skills.

## **Professional Skills/Competences**

(Job-related skills/competences)

- Collecting and preparing samples of the analysed material in accordance with standards and procedures;
- Testing materials in mechanical parameters laboratory;
- Performing tests in a hygienic laboratory;
- Keeping research documentation and records;
- Operating and maintaining the laboratory equipment;
- Supervising the reagents and other materials needed to perform tests;
- Organising the workplace according to ergonomics as well as of safety rules;
- Supervising inspection and validity dates of the equipment;
- Supervising laboratory work, taking into account the rules of safety and hygiene of the press;
- Managing materials in accordance with environmental protection regulations.

#### **SOFT Skills**

(Personal and social skills)

- Critical-thinking
- Teamwork
- Innovation
- Independence
- Analytical thinking
- Time management
- Communication
- Problem-solving
- Accuracy

## **Work/professional environment**

This person works with other workers from other sectors in the company e.g. footwear designers to create high quality footwear for men, women and children.