

CONNECT
TO THE LABOUR MARKET
WITH ITS ACADEMY

**BIOMEDICAL
EQUIPMENT
Technician**

www.itsvolta.it

WHAT DOES 'ITS' STAND FOR?

Higher Technological Institutes, known as **ITS Academies**, offer highly specialized 2-year undergraduate courses awarding the **Specialization Diploma for Applied Technologies**, a certificate corresponding to **Level V of the European Qualifications Framework (EQF)**.

DISCOVER THE COURSE

Engineering Technician for the management and maintainance of biomedical, diagnostic imaging and biotechnologies equipment

- >> **Basic general skills**
- >> **Technical and professionals skills in the field of New Life Technologies**
- >> **Specific technical and professionals skills**
 - Fundamentals of electronics and electrical engineering for electro-medical equipment
 - Management of biomedical equipment
 - Rules and procedures in the production, maintenance and use of electro-medical equipment
 - Management of diagnostic imaging sydtems and laboratory analysis
 - Fundamentals of Chemistry and Biomaterials
 - Fundamentals of modelling and 3D Printing
 - IoT and biomedical equipment interfacing
- >> **Internship**
- >> **Final exam**

Find more



PROFILE

Students learn to manage the **maintenance**, electrical **safety checks** and **testing of biomedical equipment**, along with **3D modeling and printing** for medical purposes. The course includes notions on the **digitalization of information** for biomedical devices **maintenance and failure prediction** on **IoHT** and **IOT** platforms.

WORK OPPORTUNITIES

The Biomedical Equipment Technician can work as: Product specialist; Testing and quality expert; Validation technician; Expert in 3D modeling and printing; Clinical Engineering Technician.

>> More than 90% of graduates are employed within a year after obtaining the Diploma qualification