

CONNECT

TO THE LABOUR MARKET

WITH ITS ACADEMY

DATA NETWORK

Specialist

**Work-study
option**

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 development and management of Telecommunications networks and IoT devices for Health

>> Basic general skills

>> Technical and professional skills in the field of New Life Technologies

>> Specific technical and professional skills

- Fundamentals of physical transmission and systems of Telecommunications
- Fundamentals of Automation
- Fundamentals of Telecommunications and IoT systems management
- Fundamentals of IoT programming
- Cybersecurity and Data Management
- Sensors and equipment for IoT in the One Health sector
- Transmission systems for IoT
- Artificial Intelligence systems and solutions
- Telemedicine

>> Internship

>> Final exam

Find more



PROFILE

The course trains professionals in the **management, security** and **testing of telecommunications networks and services**, developing skills on transmission media, protocols and fixed and mobile communication devices.

The technician is able to develop **Internet of Things (IoT)** solutions, has skills in **electronics and wireless communication** applicable to the health, agri-food and environmental sectors, can ensure **safe** and qualitative data management and automate or integrate the functioning of different devices.

CAREER OPPORTUNITIES

A Data Network Specialist can work as: Data specialist for AI and Robotics systems and solutions; Technician of Telecommunications systems and security and network protocols; Programmer for IoT systems and solutions; Telecommunications & IoT infrastructure technician.

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