

Branch : Electrical Engineering



Code: TEECSI

Option : Technician in energy and climate systems installation

Level : Bac Pro

Prerequisites :

Opportunities :

Graduates can work in craft companies, SMEs or specialist companies in the energy sector.

Description :

Holders of the TISEC vocational baccalaureate are responsible for the construction of energy and climate equipment. Their activity consists of carrying out installations and organising air-conditioning, ventilation, heating and sanitary worksites. Installation includes setting up equipment, connecting materials, installing and connecting electrical devices and configuring the regulation. The organisation of work sites includes taking into account a schedule, the distribution of tasks, the acceptance of materials, the monitoring of work and the commissioning. Graduates can work in a craft company or SME in the energy sector.

Quality and competences :

This vocational baccalaureate trains students to carry out installations and organise sites in the fields of air conditioning, ventilation, heating and sanitation.

During the course, the student studies small installations and learns how to plan the construction; to manufacture or prefabricate subassemblies; to receive materials on site; to install, fit, mount and connect fluid and electrical devices; to install, adjust and commission equipment and systems.

He or she also learns to define the customer's needs, to know how to explain the installation that has just been carried out, and to manage any anomalies...

The teaching provided during the 3 years of the vocational baccalaureate gives the ability to adapt to a wide variety of equipment and to rapid technological developments (renewable energies, cogeneration, etc.) in order to contribute to the improvement of user comfort, while at the same time taking care to preserve the environment and to control energy consumption.