

Branch : Civil engineering



Code : CAJOTE

Option : Carpenter and joiner technician

Level : Bac Pro

Prerequisites:

Opportunities:

Graduates work in SMEs that manufacture and install joinery for individual and collective housing.

In the workshop or on site, they manufacture and install various interior and exterior joinery works.

Description :

The holders of this vocational baccalaureate work in the workshop and on site to manufacture and implement various exterior and interior joinery works as well as the fitting out of rooms, offices, kitchens, bathrooms, shops, showrooms, meeting places, etc.

Their activity consists of: preparing the process of carrying out a work from the architectural file, the concepts and standards of joinery and fitting out and the constraints of the company; carrying out the works according to the current techniques and processes of manufacture and implementation of joinery and fitting out; organising, leading and managing the follow-up of the execution of the building site within the framework of a team of several workers and professional companions. Graduates work in SMEs that manufacture and install joinery for individual and collective housing.

Quality and competences :

The vocational baccalaureate (bac pro) in joinery trains students in the manufacture and installation of various types of exterior joinery (windows, shutters, gates, etc.), interior joinery (doors, staircases, parquet flooring, etc.), fittings (cupboards, storage units, wardrobes, shelving, etc.), and the fitting out of rooms (offices, kitchens, bathrooms), shops, exhibition halls, meeting places, etc.

During the course, all the stages in the production of a piece of joinery, from its preparation to its manufacture, installation and fitting, are taught.

Students study the different materials used in joinery (wood, metal, sheet metal, insulation, etc.), the products (for joining, fixing, treatment, finishing, etc.) and their properties (mechanical, resistance, etc.). The reading and use of technical documentation (plans, perspectives, architect's file, etc.) are also taught.

In technology, students work on cutting processes (sawing, drilling, routing, etc.), machining on machines (conventional, positioning, numerically controlled), and assembly, plating and finishing techniques.

Students learn about the quality control of the finished product, its packaging and storage. They are trained in the safe use of the machines and products they handle