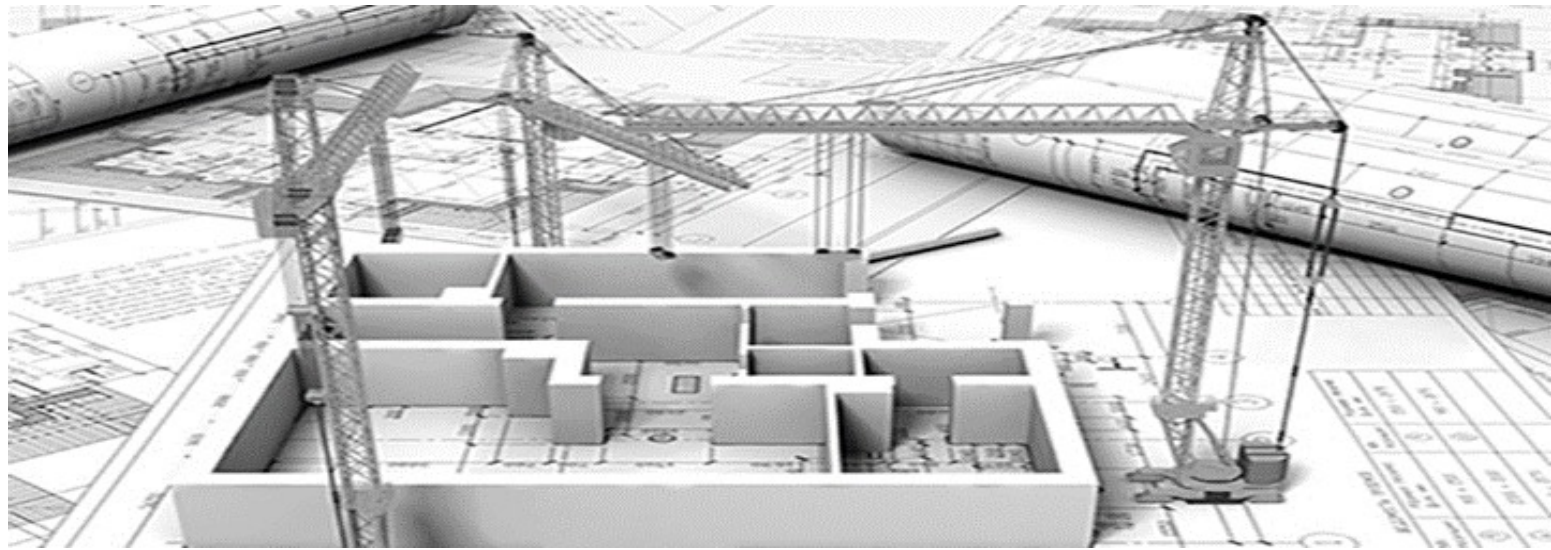


Branch: Structural building techniques



Code: STBUTE

Option: Structural building techniques

Level : BEP

Prerequisites : BEPC and/or CAP

Opportunities :

In a construction company of any size.

Description

As a mason, to build the shell of individual houses (masonry and/or reinforced concrete structures): foundations, walls, posts, beams, staircases, floors, gables; To work on the repair of the shell of old buildings; To carry out some plastering or tiling work.

From the construction plan (overall plan, detail plans): by building walls or partitions with breeze blocks, bricks, stones, plaster tiles, etc. by making concrete construction elements (beams, lintels, posts, floors) to do this, he has to make a sort of mould called a formwork and pour concrete into it. by assembling all these elements using binding materials (cement, mortar, concrete, plaster, etc.) by preparing the finish of certain surfaces (plastering, smoothing, etc.) or by carrying it out (plastering). The mason uses traditional tools (trowel, plumb line, spirit level) but also mechanical tools such as lifts or concrete mixers and electrical tools (sealing gun, cutting machines, etc.). They also take part in the installation and removal of building sites (assembly/disassembly of scaffolding

or props) and are committed, during the various stages of construction or renovation, to respecting the rules of environmental protection.

Quality and competences :

The students who are destined for these BEPs show a preference for outdoor work and teamwork. Working on a building site allows them to take advantage of the weather conditions when they are favourable, but also not to fear bad weather and dirty work. It is necessary to have a minimum of manual dexterity and a good understanding of horizontal and vertical work.

The BEP holder is a skilled worker, not a labourer. If he masters the skills developed during his training, he can quickly become a team leader and, if he is motivated, he can consider taking on the responsibility of a site manager at the end of his career. They can also set up their own company in the building sector (new or renovation). In any case, in terms of creation, he can always build his own house.