

Sector : CIVIL ENGINEERING



Option: PUBLIC WORKS

Level : BTS

Prerequisites: Scientific series or equivalent level

Opportunities:

- Site manager;
- Works supervisor;
- Construction draftsman;
- Responsible for prices;
- Business manager.

Description:

This specialty leads to the training of professionals mastering all the stages of the construction site, the technical study of a work from the specifications, the evaluation of the budget as well as the preparation, the coordination and the follow-up of the execution of the site until its acceptance. The latter are involved in all types of public and private works such as road works, pipeline works, general earthworks, the construction of infrastructure and major equipment.

REQUIRED SKILLS

Generic skills

- Work independently, collaborate in a team;
- Analyze, synthesize a professional document (French, English);
- Communicate orally, in writing, in the company or outside (French, English);
- Participate in / Lead a project management process;
- Know and exploit the professional and institutional networks of the public works sectors.

Specific skills

- Conduct technical and economic studies of a structure;
- Participate in the preparation of the site by carrying out the provisional budget
- Choose human resources, equipment and materials;
- Improve the technical and economic conditions of the site;
- Establish the health and safety plan;
- Conduct the works on site until they are received according to the specifications;
- Control and lead teams;
- Ensure relations with the project manager and external organizations.