

Branch: Civil engineering



Code : PUBWOR

Option : Public works

Level : Bac Pro

Prerequisites :

Opportunities :

Graduates can work in any public works company (maintenance, construction and renovation of works). They are initially professional workers and after 12 months may be classified as journeymen or team leaders.

The type of job depends largely on the size of the company, the complexity of the site and the sector of activity.

Description :

The holders of this diploma are technicians on a building site. They work in the production department of a public works company: road construction, earthworks, pipelines, construction of engineering structures (bridges, dams, tunnels). Their skills range from organisation to supervision and management. These professionals collaborate in the smooth running of the site until it is handed over to the client: technical preparation, definition of tasks, their completion time and their execution order. They control the supply and proper use of materials and equipment. Throughout the project, they ensure that the execution schedule and safety rules are respected.

Quality and competences :

The vocational baccalaureate (bac pro) in public works trains students in the skills needed to build earthworks (dams, dykes, platforms, etc.), engineering structures (concrete or steel structures), pipelines or roads (old roads, car parks, motorways and roads, sports grounds, etc.). The work may be new or rehabilitation, improvement or maintenance.

The knowledge acquired in the course of the vocational baccalaureate on the whole of the public works sector enables students to manage all the phases of a site. They learn how to prepare a site: technical preparation, quantification of equipment and material requirements, but also how to ensure safety. They are then trained to implement the site, i.e. to distribute the tasks within the team, to set up and trace.

Students develop skills related to earthworks and trenching as well as the necessary networks and connections (water, sewage, etc.). They assimilate the techniques for carrying out roadworks or reinforced concrete works.