

Branch: Chemical Engineering and Processes



Code : CWPBPR

Option : Chemical, water and paper and board processes (pcepc)

Level : Bac Pro

Prerequisites:

Opportunities:

Graduates work as manufacturing operators, network maintenance and surveillance officers, and site and construction supervisors in the chemical, para-chemical, pharmaceutical, cosmetic and petroleum industries, or in industries that use comparable transformation processes: building materials, paper-making, water and waste treatment, bio-industries, energy production.

Description :

Holders of this vocational baccalaureate work mainly in chemical, petrochemical and refining companies, but also in industries that use comparable production processes: cement, plaster, glass, ceramics, paper, pharmaceuticals, foodstuffs, etc.

These professionals run a production unit or part of a production line. They check and prepare the installations, start, monitor and stop the process. They control the quality of the products. Using analysis bulletins and measurements, they identify anomalies, establish a diagnosis and then intervene accordingly. Finally, they must ensure that safety and environmental protection rules are respected.

Quality and competences :

The Baccalaureate in Chemical, Water and Paper/Cardboard Processes trains technicians capable of operating installations or equipment in the field of manufacturing or the physical, chemical, biochemical or biological treatment of matter.

During their training, students learn to operate and monitor installations and networks (setting up, monitoring, adjustments, diagnosis, preventive actions, cleaning, sanitation).

They learn the techniques for implementing product quality control procedures (taking samples, carrying out physico-chemical tests).

The knowledge acquired during this vocational baccalaureate enables them to ensure the maintenance of equipment and to improve the operating conditions and ergonomics of installations.

They are also trained in the quality, hygiene, safety and environment (QSE) procedures in force, as well as in the identification of industrial risks linked to products, processes and installations.