

## Associate degree Maintenance Production Systems

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### BTS MAINTENANCE DES SYSTÈMES DE PRODUCTION

#### Educational Program Objectives

During these two years of education, students will acquire skills in Maintenance Organization and good knowledge of automated systems, electrical and mechanical equipment.

The educational background Maintenance Production Systems provides technological, organizational and interpersonal skills. The student will be capable to detect potential failures to diagnose malfunctions, but also establish a comprehensive reparations plan and ensure the restart of the plant.

#### Study program

TABLE OF CONTENTS	TIMETABLE 1st year	TIMETABLE 2nd year
General knowledge and Expression	2 hours	2 hours
Foreign Language: English	2 hours	3 hours
Mathematics	3 hours	3 hours
Physics-Chemistry	4 hours	4 hours
Maintenance Organization	3 hours	2 hours
Technical Studies	10 hours	10 hours
Technical Maintenance	6 hours	7 hours
Individual Support	1 hour	1 hour

#### Skill requirements

To achieve better use of the education, the applicant shall:

- be curious, being always current with the latest technologies ;
- have an observation capacity ;
- be dynamic and have initiative ;
- have a sense of organization ;
- appreciate the team working.

#### Professional outlets

The profession has changed and has been well diversified; the maintenance is no longer limited to the traditional industry:

- Industrial handling and warehousing equipment

- The maintenance for specific infrastructure such as
  - The equipment of the surgeries, clinics or hospitals or airports
  - Refrigeration and air conditioning
  - The wastewater treatment
  - Weather stations
  - Heating or combustion