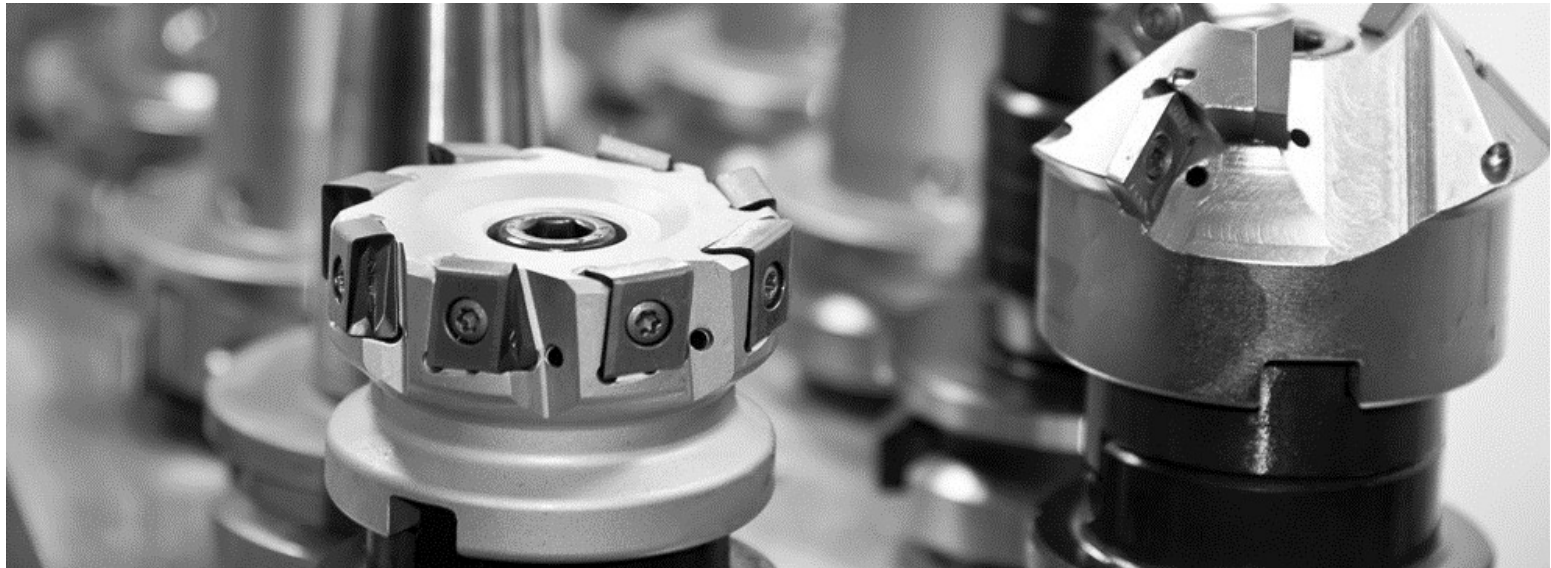


Branch : Maintenance of Materials



Code : MAINEQ

Option : Maintenance of industrial equipment (mie)

Level : Bac Pro

Prerequisites :

Opportunities:

These technicians may work in many sectors of industrial capital goods or manufactured goods production, such as metallurgy, aeronautics, food processing, wood, paper and cardboard, chemicals, petroleum, pharmaceuticals, and also railway equipment.

The conditions of employment in maintenance departments differ depending on whether the company produces goods or services. In the latter case, it may be necessary to travel to the location of the equipment to be maintained (e.g. lifts).

Description :

The holders of the bac pro MEI ensure the corrective and preventive maintenance of industrial installations. Their role consists not only of improving and modifying existing equipment but also new equipment. They intervene on the operating and control parts of installations. These technicians repair or troubleshoot assets after analysing their operation. They will be able to use diagnostic and intervention aid technologies. They carry out monitoring operations, planned operations and report anomalies. They must ensure compliance with health and safety regulations, quality standards and environmental protection standards. Their activity varies according to the

company that employs them and the nature and complexity of the equipment they are responsible for.

Quality and competences :

This vocational baccalaureate trains technicians whose mission is to maintain and repair production equipment and to actively participate in the various tasks of the maintenance team.

The students learn to repair or troubleshoot everything related to mechanics, electricity, pneumatics and hydraulics. Through the study of their behaviour, they acquire the necessary skills to analyse mechanical or automated systems.

The practice of various maintenance methods enables them to diagnose breakdowns, prepare for intervention and formulate proposals for improvement.

Another skill developed during the training is communication, both in terms of receiving and transmitting information. The aim is to prepare for writing and arguing maintenance intervention reports.