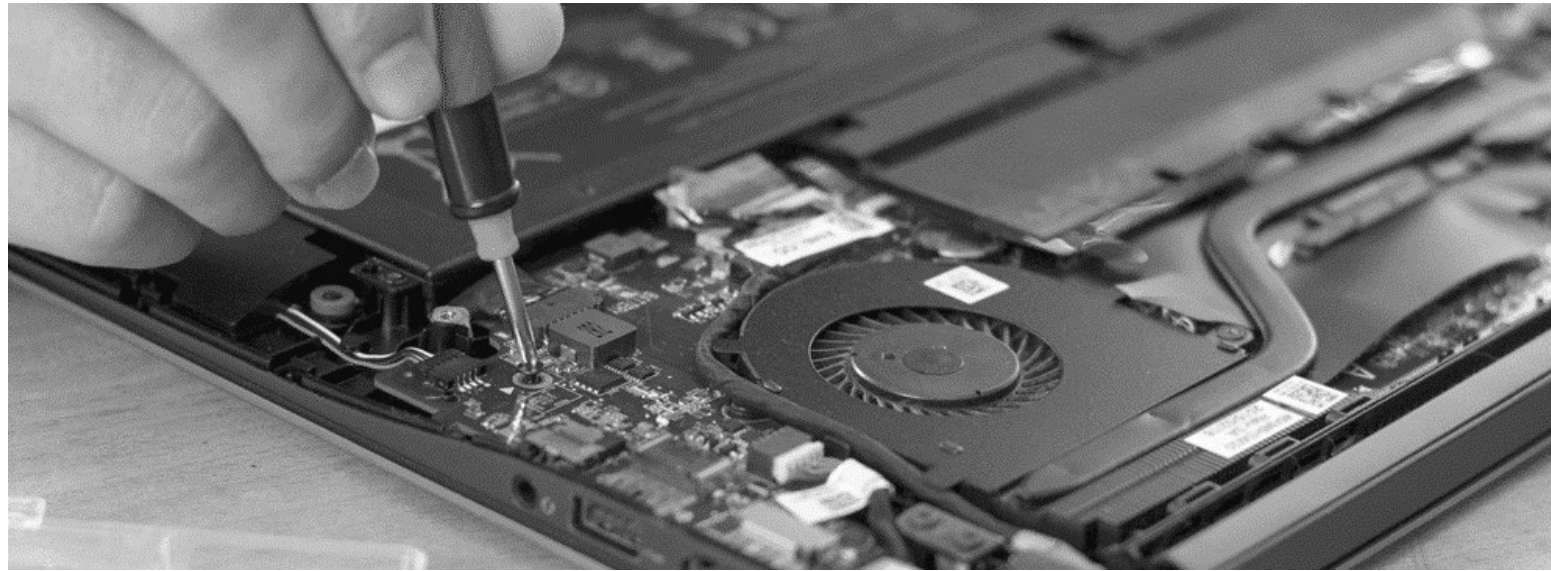


Branch: Maintenance of automated mechanical systems



Code: MAIAMS

Option: Maintenance of automated mechanical systems

Level : BEP

Prerequisites: BEPC and/or CAP

Opportunities:

- In large industrial companies or government departments with a maintenance department.
- In specialised maintenance companies

Description

The maintenance technician must be able to maintain and repair the machines of a manufacturing workshop of an industrial company the whole of an automated manufacturing process, or "production line", made up of machines and systems for moving products (printing, foodstuffs, cars, etc.) all the equipment necessary for the functioning of a company or a community (e.g. lift, heating, etc.). The maintenance technician must also take preventive action to avoid breakdowns that slow down production and can sometimes even stop it.

By studying the technical file of the machine to be repaired

By repairing and changing defective parts

By carrying out tests and inspections

And, depending on the case, by drawing up an invoice and writing an intervention report

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Quality and competences :

Pupils destined for this BEP show a certain manual skill. They show an interest and curiosity in mechanisms that they enjoy taking apart and putting back together. The training includes learning about written and oral professional communication to develop skills that will be useful in their dealings with customers. It is therefore important that young people are aware of these aspects and do not limit their conception of the BEP MSMA to the handling of tools. They must be able to show initiative because they will often work alone or in a small team. The activity of the maintenance agent is very varied. They work in areas that are constantly evolving technically and require knowledge of electricity, sheet metal work, welding, hydraulics, pneumatics and automation.

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