Mécatronique

Summary of the contest:

Design and development of automated systems using mechanical, electronics and computers.

Running of the contest:

The duration of the contest will be maximum 6 hours. It consists in carrying out the project of an automated system using industrial components in compliance with the instructions and documentations provided. Each team of two candidates will assemble, do the focus, the programming, the maintenance and the optimization of pre-assembled stations. The connection of all components is part of the assembly.

Main skills required:

Be able to:
Develop automated systems to improve the performance of all types of equipment
Ensure the installation and programming of an automated system
Set up, adjust and maintain an automated system

Rating criteria:

- ✓ Assembling of an automatic system
- ✓ Programming and commissioning of the system
- ✓ Maintenance and optimization of an automated system

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